above ground storage tank air quality asbestos/lead-based paint baseline environmental assessment brownfield redevelopment building/infrastructure restoration caisson/piles coatings concrete construction materials services corrosion dewatering drilling due care analysis earth retention system environmental compliance environmental site assessment facility asset management failure analyses forensic engineering foundation engineering geodynamic/vibration geophysical survey geosynthetic greyfield redevelopment ground modification hydrogeologic evaluation industrial hygiene indoor air quality/mold instrumentation masonry/stone metals nondestructive testing pavement evaluation/design property condition assessment regulatory compliance remediation risk assessment roof system management sealants/waterproofing settlement analysis slope stability

> storm water management structural steel/welding underground storage tank

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

CARPET ON WHEELS 115 and 119 WEST CHICAGO BOULEVARD TECUMSEH, MICHIGAN 49286

July 30, 2012

SME Project Number: 060460.03.007

The Phase I ESA was funded by Lenawee County's U.S. Environmental Protection Agency Brownfields Hazardous Substances Assessment Grant. The grant was funded by the American Recovery and Reinvestment Act (ARRA) of 2009.

Prepared for:

The City of Tecumseh 309 E. Chicago Boulevard Tecumseh, Michigan 49286





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John C. Zarzecki, CET, CDT, NDE

July 30, 2012

Ms. Paula Holtz City of Tecumseh 309 E. Chicago Boulevard Tecumseh, Michigan 49286

Phase I Environmental Site Assessment RE:

Carpet on Wheels, Inc.

115 and 119 West Chicago Boulevard SME Project Number: 060460.03.007

Dear Ms. Holtz:

Soil and Materials Engineers, Inc. (SME) has completed a Phase I Environmental Site Assessment (ESA) of the above referenced property, hereinafter referred to as the Property. The enclosed Phase I ESA report presents SME's interpretation of site conditions at the time the Phase I ESA was completed, based on field observations, a review of readily available historical and regulatory records, and interviews.

The Phase I ESA was requested to identify recorded and readily observable recognized environmental conditions associated with the Property. SME understands the City of Tecumseh and Michigan State Housing Development Authority (MSHDA) will rely upon the professional opinions and representations contained in the report in accordance with the terms and conditions agreed upon for the project. This reliance is not to be construed as a warranty or guarantee on the part of SME.

Thank you for the opportunity to provide these services. If you have any questions concerning this report, or if additional services are required, please call.

Very truly yours,

SOIL AND MATERIALS ENGINEERS, INC.

Doel W. Hecker

Staff Geologist

Project Consultant

Enclosures: 2 Reports

T:\PROJ\60000\060460.03.007-07302012-PHASE I ESA REPORT.DOC

OFFICES Indiana Michigan Ohio

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consultants in the geosciences, materials, and the environment

SME Project Number: 060460.03.007 July 30, 2012

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Phase I Environmental Site Assessment 115 & 119 W.Chicago Blvd., Tecumseh, MI SME Project Number: 060460.03.007

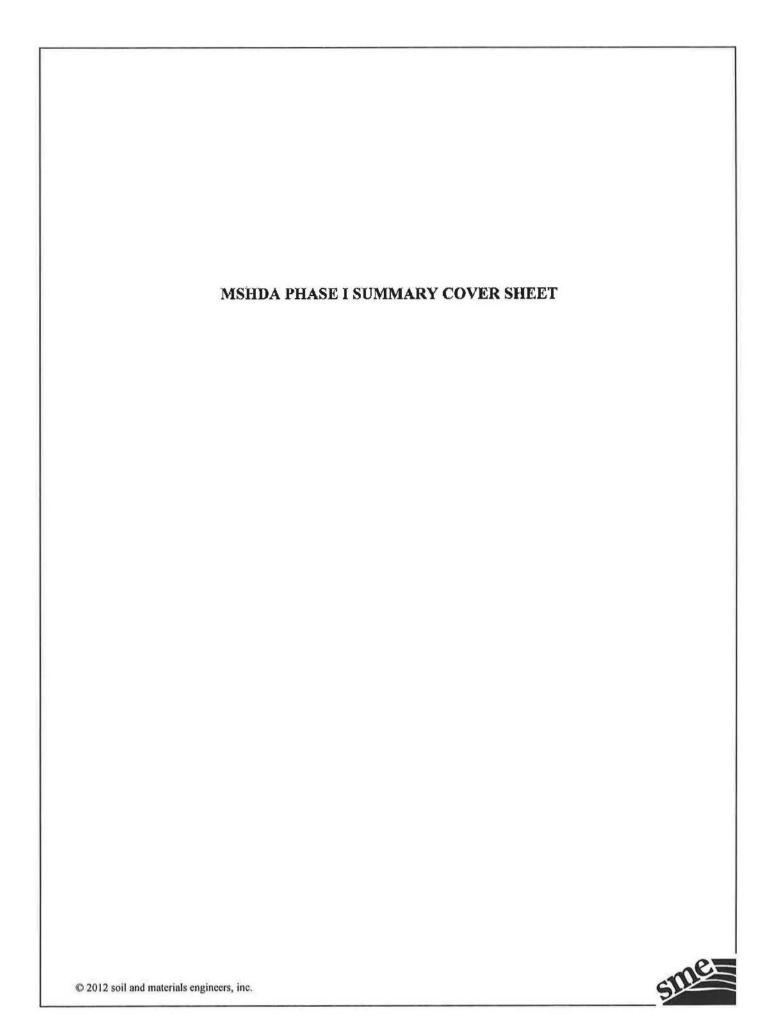
July 30, 2012

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- 10.8 Qualifications of Environmental Professional(s)
- 10.9 MSHDA Phase I Letter of Reliance
- 10.10 Copy of Environmental Professional Insurance Certificates

11. GENERAL COMMENTS





SECTION IX

2011 - MSHDA Phase I Summary Cover Sheet

Project Name: 115 & 119 W. Chicago Boulevard, Tecumseh, Michigan	
Sponsors Name: City of Tecumseh Sponsor's Fax: 517-423-3610	
Consultants'/Firm Name: Rhonda F. Miller, CHMM/Soil and Materials Engineers, Inc	
Consultants' Fax No.: 734-454-0629 Email: miller@sme-usa.com	
Project #:060460.03.007 Report Date:July_30, 2012	
Please answer all questions below, noting the appropriate page or appendix in your report that contains the support documentation. Summary Cover Sheets containing unknown or incomplete responses will not be processed and the returned for correction.	
1. Report Findings	
a. The site contains Wetland area(s). Section 9.6 (See requirements in Sec. IV, H.6)	
b. The site or a portion of the site is in the Special Flood Hazard Area Yes No Section 9.5 (See requirements in Sec. IV, H.5)	
c. The site contains a UST(s) or AST(s). Yes No Sections 6.3 & 6.4 (See requirements in Sec. IV, I)	
d. The Phase I ESA revealed a REC(s).	
e. There any high power electrical transmission lines with in 500 feet of the subject site. Yes No Section 9.7 (See requirements in Sec. IV, H.7)	
f: There are buried high-pressure gas transmission lines (4" in diameter and 400 psi or greater) within 1000 feet of subject site.	the
Section 9.8 (See requirements in Sec. IV, H.8)	
g. The subject site is near a busy roadway or within 1000 feet of a limited access freeway or 3000 feet of a rail line, within 15 miles of an airport. Yes XNo Section 9.9 (See requirements in Sec. IV, H.9)	, or
h. For structures undergoing renovation/remodeling, an Asbestos survey was performed. Yes XNo Section 9.1	

	ensive Needs A ☐ Yes			
Section 9.1	(See requireme	nts in Sec. IV, H.1)		
j. For structures undergoing renovation/r	remodeling, a L ☐ Yes			
Section 9.2				
documented in the Sponsor's Comprehe		equirements for the proposed demolition/remodeling activities as alysis or the Architect's Plans and Specifications for the project.		
n/a	(See requireme	ents in Sec. IV, H.2)		
1. For developments located in Branc Washtenaw counties Radon mitigation n	neasures are do	-		
Section 9.4	Yes (See requireme	ents in Sec. IV, H.5)		
m. A "Recorded Land Records" search v	was preformed. ☐ Yes	≯f No		
Section 4.1		ents in Sec. IV, C)		
n. A Phase II investigation is required.	∀Yes	II No		
Executive Summary	(See requireme			
o. A Tier I and non-invasive Tier II Vapor Encroachment Screen were preformed?				
Section 9.10	(See requirement)	ents in Sec. IV, H.10)		
p. An invasive Tier II investigation is recommended for Vapor Encroachment Conditions. ☐ Yes ▼No				
Section 9.10		nts in Sec. IV, H.10)		
* [
2. Report Documentation Check List.	If any of the r	esponses below are "NO," do not submit report.		
a. MSHDA Phase I Letter of Reliance co	ompleted?	Yes □ No		
la vi	- 10			
b. User's Disclosure Statement complet	ea?	Yes No		

Page 20 of 25

c. Certificate of insurances included?	□ No
d. FEMA Flood Plain Map Included?	KYes □ No
e. Fire Insurance Maps or N.C. Letter Included?	¥ Yes □ No
f: Development Site Plan Included?	∀(Yes

I represent that this Summary Cover Sheet accurately reflects the environmental information contained in the above captioned document.

Signature of Environmental Professional / Date

Print or Type Legal Name

1. EXECUTIVE SUMMARY

1.1 Phase I ESA Summary and Conclusions

SME performed a Phase I Environmental Site Assessment (ESA) of the Property located at Carpet on Wheels, Inc., 115 and 119 West Chicago Boulevard, in Tecumseh, Lenawee County, Michigan, hereinafter referred to as "the Property," in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. Figure 1, included in Section 10.1, shows the general Property location.

The purpose of this Phase I ESA was to satisfy relevant AAI requirements for the User of this report. One of the primary objectives is to identify recognized environmental conditions (RECs) in connection with the Property and assess the relative significance of the identified REC(s).

This Phase I ESA report is comprised of the following elements: 1) property description, 2) User-provided information, 3) records review, 4) site reconnaissance, 5) interviews, 6) findings, opinions, and conclusions.

This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- The potential for unreported and/or undetected releases of petroleum products associated with historical use of an air compressor on the Property (Section 7.1).
- The potential for environmental impact from migration of hazardous substances and/or petroleum products from the following:
 - o Historical newspaper and printing operations located approximately 100 feet west of the Property (Section 5.5).
 - o Historical USTs located in W. Chicago Boulevard and Pearl Street approximately 200 feet west of the property (Section 5.5).
 - o The current BP gas station (aka Baker Brothers open LUST) located approximately 200 feet southwest of the Property (Sections 5.1, 5.5, and 6.5).

In the EP's opinion a subsurface assessment, including collection and analysis of soil gas, soil, and/or groundwater samples, is needed to evaluate whether environmental contamination is associated with the identified RECs.



1.2 Identified Data Gaps

SME identified the unknown use of the Property between 1953 and 1982 as a data gap in connection with this Phase I ESA. Based on review of historical record sources referenced in this report, in SME's opinion, the data gaps did not impair our ability to identify RECs in connection with the Property.

1.3 Identified Liens or Activity and Use Limitations

No liens or activity and use limitations were identified.

SME's team members on this project were as follows:

Preparer: Joel W. Hecker

Environmental Professional (EP): Rhonda F. Miller, CHMM

Senior Technical Reviewer: Cheryl A. Kehres-Dietrich, CGWP

2. INTRODUCTION

SME performed a Phase I Environmental Site Assessment (ESA) of the property located at Carpet on Wheels, Inc., 115 and 119 West Chicago Boulevard, in the city of Tecumseh, Lenawee County, Michigan, hereinafter referred to as "the Property." The Phase I ESA was conducted according to the ASTM International (ASTM) Practice E 1527-05 (Practice).

Mr. Timothy Robinson, with the Lenawee Economic Development Corporation, acting on behalf of Carpet on Wheels (the User), authorized the conduct of this Phase I ESA to identify and evaluate potential environmental concerns associated with the Property prior to redevelopment of the Property. SME was retained to conduct this Phase I ESA based on our July 10, 2012, Confirmation for Environmental Consulting Services. The Phase I ESA was funded by Lenawee County's U.S. Environmental Protection Agency Brownfields Hazardous Substances Assessment Grant. The grant was funded by the American Recovery and Reinvestment Act (ARRA) of 2009.

2.1 Purpose

The purpose of this Phase I ESA was to satisfy relevant ASTM Practice requirements for the User of this report. One of the primary objectives was to identify Recognized Environmental Conditions (RECs) in connection with the Property and assess the relative significance of the identified REC(s). ASTM defines a REC as:¹

...the presence or likely presence of any hazardous substances* or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

2.2 Detailed Scope of Services

This Phase I ESA was conducted in conformance with MSHDA's June 13, 2011, Environmental Review Requirements and the ASTM Standard on Environmental Site Assessments for Commercial Real Estate designation E 1527-05, "Standard Practice for

¹ For the purposes of this Phase I ESA, a hazardous substance is a substance as defined in the ASTM Practice E 1527-05.



Environmental Site Assessments: Phase I Environmental Site Assessment Process." This Phase I ESA does not address the non-scope considerations as defined by Section 13 of ASTM E 1527-05, with the exception of additional services that are described in Section 9.

2.3 Significant Assumptions

Pursuant to the Standard, SME assumes that the information provided by all sources and parties, including the User, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

2.4 Limitations and Exceptions

Carpet, tools, and other miscellaneous materials were scattered throughout the basements, which limited SME's ability to view portions of the basement floor surface.

2.5 Special Terms and Conditions

No special terms and conditions were imposed on SME as part of this Phase I ESA.

2.6 User Reliance

SME has prepared this report to be used solely and exclusively by the City of Tecumseh (the User), and MSHDA, in accordance with terms and conditions agreed upon for the project. No other party may rely upon SME's opinions, conclusions or reports unless SME has agreed to such reliance in writing.



3. SITE DESCRIPTION

The following subsections contain descriptions of the Property, uses and conditions of the Property, and uses of the adjoining sites at the time of this Phase I ESA. Photographs of the Property and surrounding areas are included in Section 10.3.

3.1 Location and Legal Description

The Property is located at 115 and 119 West Chicago Boulevard, Tecumseh, in Lenawee County, Michigan. Its tax identification numbers are 480-6200-00 and 480-6060-00. The Property location is shown on the Figure 2 in Section 10.1; the legal description is in Section 10.2.

3.2 Site and Vicinity Characteristics

At the time of the reconnaissance, the Property consisted of two connected retail buildings in downtown Tecumseh. A current Site Plan (Figure 2) was developed from the observations, field notes, photographs, and/or historical information collected during conduct of this Phase I ESA. It is included in Section 10.2.

3.3 Current Use of the Property

The property is currently used as a retail store to sell floor coverings.

3.4 Descriptions of Structures, Roads, Other Improvements on the Site

The on-site buildings were comprised of two stories and a basement. The buildings front on West Chicago Boulevard. Consumers Energy provided gas and electric, and the City of Tecumseh provided sanitary and storm sewers, as well as municipal water.



3.5 Current Uses of the Adjoining Properties

Direction	Name/Address	Activity
North	Parking Lot	Parking
East	Golden Image Salon	Salon
	113 W. Chicago Blvd	
South	Unoccupied	None observed
	120-126 W Chicago Blvd	
West	Basil Boy's Restaurant	Retail Food Sales
	123 W Chicago Blvd	



4. USER PROVIDED INFORMATION

As part of the ASTM Practice the User has the responsibility, above and beyond the Phase I ESA conducted under supervision of an EP, to provide information support of all appropriate inquiry into environmental conditions on the Property. The User information was provided through completion of the User's Environmental Questionnaire and Disclosure Statement attached in Section 10.6, as well as a telephone interview. Information provided by Ms. Paula Holtz, with the City of Tecumseh (the Phase I ESA "User") is summarized in the following subsections.

4.1 Title Records

The User did not retain a title company to review recorded land title records on file with the public record for the Property, for the purpose of identifying recorded environmental cleanup liens and AULs related to the Property. This data gap is discussed in sections 11 and 12.

4.2 Environmental Liens or Activity and Use Limitations

No recorded environmental cleanup liens or AULs related to the Property were reported by the User.

4.3 Specialized Knowledge

Ms. Holtz reported having no specialized knowledge or experience that would indicate, or create suspicion of, the presence of environmental contamination on the Property.

4.4 Commonly Known or Reasonably Ascertainable Information

Ms. Holtz reported that she has not become aware, through conversations, rumor, etc., of any commonly known or reasonably ascertainable information within the local community that would indicate the Property could be contaminated or that any past event could have resulted in environmental impact of the Property or adjoining properties.

4.5 Valuation Reduction for Environmental Issues

Ms. Holtz reported that the purchase price was not applicable because Property ownership will not be changing.



4.6 Owner, Property Manager, and Occupant Information

Ms. Holtz indicated the current Property owners were Messrs. Edward and Donald Hull, who operated a retail flooring store.

4.7 Reason for Performing the Phase I ESA

Ms. Holtz reported that the reason for this Phase I ESA of the Property was to meet MSHDA requirements.

4.8 Other

Ms. Holtz provided no additional information in support of all appropriate inquiry into the Property's environmental conditions.



5. RECORDS REVIEW

5.1 Standard Environmental Record Sources

SME retained Environmental Data Resources, Inc. (EDR) to query the state, federal, and tribal regulatory agency databases described in the Practice to identify regulated and/or environmentally impacted sites within the specified approximate minimum search distances. EDR also queried other readily available regulatory agency databases beyond those required by the Practice. The queried databases and associated search radii are listed in the EDR report (Section 10.5). The EDR report includes site maps indicating the location of these listed sites relative to the Property, and dates the lists were updated. Acronyms used in the table are defined in the EDR report.

The Baker Brothers open LUST site was located approximately 200 feet to the west-southwest, across W. Chicago Boulevard. According to the EDR report, one, 10,000-gallon gasoline UST was installed in 1976; one 6,000-gallon gasoline UST and one 4,000-gallon diesel UST were installed in 1986. A gasoline release was reported in 1997. The potential for environmental impact from unreported and/or undetected migration of hazardous substances and/or petroleum products onto the Property from the Baker Brothers site represents a suspect REC in connection with the Property.

Based on the assumed groundwater flow direction to the north and east, and distance from the Property, the remaining sites do not appear to represent suspect RECs in connection with the Property. In SME's opinion, it was not necessary to review records for these sites.

5.2 Additional Environmental Record Sources

5.2.1 County Environmental Health Department

On July 10, 2012, SME contacted the Lenawee County Environmental Health Department by electronic mail and requested all available information pertaining to environmental concerns associated with the Property and surrounding area, including information on septic systems and water wells, if any, located on the Property. Ms. Patricia Lawrence, of the Lenawee County Health Department, indicated no records were available for the Property.

5.2.2 Fire Department

On July 24, 2012, SME contacted the Tecumseh Fire Department via telephone and requested all available records associated with the Property and surrounding properties. Fire Chief Joe Tuckey indicated no written records were available for the Property.



5.2.3 MDEQ Geological Survey Division

SME queried the MDEQ-Geological Survey Division's (GSD) Oil and Gas Information System – Online Data Query for oil and gas permits/wells for the Property's township, range and section number. According to the July 11, 2012 query results, no known oil and/or gas well permits were recorded for the Property section number.

5.2.4 Other Record Sources

No other record sources were contacted as part of this Phase I ESA.

5.3 Physical Setting Source(s)

5.3.1 USGS – Current 7.5 Minute Topographic Map

SME reviewed a United States Geological Survey (USGS) topographic map to evaluate the physical setting of the Property. According to the USGS 7.5 minute series Topographic Map Tecumseh North Quadrangle, Michigan, compiled in 1967, the Property was relatively flat at an elevation of approximately 804 feet above mean sea level (MSL). A north-south railroad line was 100 feet to the east. Evans Creek meanders west to east one-third mile north. River Raisin flows northwest to southeast approximately three-quarters mile north. Red Mill Pond and Standish Pond lie to the north and east, respectively, approximately three-quarters mile from the property. An unnamed water body was depicted approximately one-half mile east. No other bodies of water were depicted within a one-mile radius of the Property.

5.3.2 Other Non-Standard Physical Setting Sources

Based on SME's experience in the area of the Property, the soil profile generally consists of natural sand. Groundwater is encountered at depths of 5 feet to 18 feet below the existing ground surface. The subsurface conditions described above are based on assessments in the area of the Property and may not be representative of actual in-situ conditions at the Property. SME did not conduct a subsurface assessment as part of this Phase I ESA.

5.4 Historical Use Information on the Property

The objective of consulting historical record sources is to develop a history of the Property's previous uses to help identify the likelihood of past uses having led to RECs in connection with the Property. The information reviewed was from reasonably ascertainable standard sources, defined in the Practice as publicly available, obtainable from its source within reasonable time and cost constraints, and practicably reviewable.



Data failures encountered, as defined by the Practice, are described under each appropriate Practice historical source. The Practice requires review of only as many of the standard historical sources as are reasonably ascertainable and likely to be useful.

The sources reviewed to determine the historical uses of the Property and related environmental issues are summarized below. Copies of source documents are included in Section 10.4.

- Aerial Photographs: SME reviewed aerial photographs, obtained from Environmental Data Research, Inc., dated 1940, 1949, 1963, 1970, 1979, 1992, 2005 and 2006.
- Fire Insurance Maps: SME obtained Sanborn® Fire Insurance Maps of the Property area, obtained from Environmental Data Research, Inc., and dated 1888, 1893, 1899, 1907, 1912, 1922, 1935, 1944, and 1953.
- Recorded Land Title Records: SME did not review land title records because information regarding the history of the Property was obtained from other historical sources identified herein. In addition, land title records typically provide information regarding ownership, but not use, of a property.
- USGS Topographic Maps: SME reviewed USGS 7.5 minute series Topographic Maps Tecumseh North Quadrangle, Michigan, compiled in 1967 and 1978.
- **Zoning/Land Use Records:** SME reviewed a zoning map of the city of Tecumseh. According to the zoning map, the Property was zoned as part of the B2- Downtown Core.
- Other Historical Sources: SME did not review other historical sources because sufficient information regarding the history of the Property was obtained from the aforementioned historical sources.



A summary of historical usage of the Property, back to 1888, the date of earliest readily available records as described above, is presented in the following table:

HISTORICAL USAGE SUMMARY

Year / Period	Identified / Inferred Use	Source (Date)
1888 - 2006	The Property, located in downtown Tecumseh, was comprised of two buildings. A barber shop, saloon, harness store, pool hall, movie theater, meat store, and restaurant occupied the buildings at various times from the late 1880s to the present. Carpet on Wheels has occupied the Property for approximately 20 years.	Aerial Photographs (1940 – 2006) Fire Insurance Maps (1888 - 1953) Topographic Map Assessor's office
	The meat store operated from at least the late 1880s until some time prior to 1935. Animal rendering occurred in the early 1900s. In 1907, a gasoline engine was used to heat the rendering kettle; by 1912, an electric engine was used. Rendering activities appeared to have ceased by 1922.	

The potential for environmental impact from unreported and/or undetected release of hazardous substances and/or petroleum products associated with use of the gasoline engine represents a suspect REC in connection with the Property.

SME reviewed readily available and reasonably ascertainable records in an attempt to identify the historical heating source associated with the former residence on the Property. No records were identified that suggested the use of heating oil or the former presence of a heating oil tank (AST or UST). Due to the extent of time elapsed since installation of natural gas, SME did not identify a knowledgeable party to interview regarding the historical heating source. With no positive evidence of heating oil use, the potential for environmental impact associated with historical heating oil is not considered a suspect REC in connection with the Property.

The historical research reported above was sufficient to develop a history of the previous uses of the Property in order to help identify the likelihood of past uses having resulted in the creation of RECs in connection with the Property.



5.5 Historical Use Information on Adjoining Properties

An attempt was made to assess the historical uses of proximate sites by reviewing records referenced in Section 5.4. A summary of proximate sites of concern (suspect RECs), as identified only to the extent that this information was revealed in the course of researching the Property itself, is presented in the table below:

Year / Period	Identified / Inferred Use (Relationship to Property)	Source (Date)
1888-1953	Newspaper and printing shop (100 feet west)	Fire Insurance Maps (1888 - 1953)
1912	Clothing Cleaner (120 feet southwest)	Fire Insurance Maps (1912)
1922-1953	Gasoline USTs in W. Chicago Boulevard and Pearl Street (200 feet west)	Fire Insurance Maps (1922 - 1953)
1935-1953	Gasoline Stations and USTs (200 feet southwest)	Fire Insurance Maps (1935 - 1953)



6. SITE RECONNAISSANCE

The site reconnaissance was conducted to identify evidence of the presence of suspect RECs in connection with the Property. Descriptions of the current Property use and conditions, including the use, storage, and/or treatment of hazardous substances and/or petroleum products and the generation, storage/accumulation, and/or disposal of chemical, petroleum or other contaminated wastes are presented in the following sections.

6.1 Methodology and Limiting Conditions

On July 20, 2012, Mr. Joel W. Hecker and Ms. Rhonda F. Miller, CHMM of SME conducted a reconnaissance of the Property to observe Property conditions and features in an effort to identify RECs in connection with the Property. SME was accompanied by Mr. Edward Hull, current Property owner, during the reconnaissance. The Property was covered by the onsite building footprint. SME walked through the building, including the first floor, second floor, and basement. Photographs taken during the reconnaissance, which illustrate observed Property conditions and surrounding areas, are contained in Section 10.3. Carpet, tools, and other miscellaneous materials were scattered throughout the basements, which limited SME's ability to view portions of the basement floors.

6.2 General Site Setting

The Property is located in the middle of a block in downtown Tecumseh. The property is flat, with no on-site water bodies or vegetation.

6.3 Exterior Observations

The Property was covered by the on-site building footprint. SME observed no evidence of septic systems or water supply wells on the Property.

6.3.1 Chemical Use and Storage

SME observed no exterior use and/or storage of chemicals.

6.3.2 USTs/ASTs

SME observed no exterior evidence of USTs or ASTs.

6.3.3 PCB Containing Equipment

SME observed no exterior evidence of equipment containing polychlorinated biphenyl (PCB).



6.3.4 Pits, Ponds, and Lagoons

SME observed no visual evidence of pits, ponds, or lagoons.

6.3.5 Waste Generation, Treatment, Storage, and Disposal

SME observed no exterior visual evidence of the generation, treatment, storage, or disposal of liquid or solid wastes.

6.3.6 Other Exterior Features

SME observed no other exterior features indicative of suspect RECs.

6.4 Interior Observations

The on-site building was comprised of two floors and a basement. The first floor was occupied by Carpet on Wheels, a retail flooring business. Carpet on Wheels used the basement for miscellaneous dry storage. The second floor was vacant.

6.4.1 Chemical Use and Storage

SME observed no use and/or storage of chemicals in the building.

6.4.2 USTs/ASTs

SME observed no evidence of USTs or ASTs in the building.

6.4.3 PCB Containing Equipment

SME observed no visual evidence of PCB containing equipment in the building.

6.4.4 Drains and Sumps

SME observed evidence of a drain near the center of the basement floor. A small piece of plywood covered the drain opening.

6.4.5 Waste Generation, Treatment, Storage, and Disposal

SME observed no visual evidence of the generation, treatment, storage, or disposal of liquid or solid wastes, in the building.

6.4.6 Heating/Cooling

Heat is provided by a forced-air, natural gas fired furnace. A roof-top air conditioning unit cooled the building.



6.4.7 Other Interior Features

SME observed a raised concrete block located in the basement. See Section 7.1 for further discussion of this feature.

6.5 Adjoining Sites Observations

SME observed adjoining sites from the Property boundaries for evidence of RECs. SME noted the presence of a BP gas station located at the southeast corner of W. Chicago Boulevard and S. Pearl Street, approximately 200 feet to the southwest. The potential for environmental impact from unreported and/or undetected migration of hazardous substances and/or petroleum products onto the Property from the BP site represents a suspect REC in connection with the Property.



7. INTERVIEWS

As part of the conduct of this Phase I ESA, SME interviewed the following pertinent individuals other than the User of this report:

- Current Property owner Mr. Edward Hull
- State and/or local government officials Joe Tuckey, Tecumseh Fire Chief

7.1 Interview with Owner

SME provided a copy of the Owner/Occupant Questionnaire to Edward Hull, VP. SME obtained the completed questionnaire via fax. In addition, SME interviewed Mr. Hull during the Property reconnaissance, seeking answers to the following questions regarding the Property:

- If environmental reports and permits; UST, AST, and underground injection system registrations; material safety data sheets; community right-to-know plans; safety and spill prevention plans; hydrogeologic reports; notices of past or current violations of environmental laws; hazardous waste generator notices or reports; geotechnical studies; risk assessments; and, recorded activity and use limitations exist.
- What knowledge regarding historical use, occupants, and operations Mr. Hull had.
- Whether Mr. Hull knew of any pending, threatened, or past litigation and/or administrative proceedings; or governmental notices regarding any possible violation of environmental laws or possible liability related to hazardous substances or petroleum products in, on, or from the Property.

Mr. Hull was unaware of reports, notices, studies, assessments or litigation associated with Property. Mr. Hull reported that he was aware of a saddle shop, a billiards hall, and a dress shop operating at the Property in the past. Mr. Hull and his brother have operated Carpet on Wheels since 1982. He also reported that the basement floor was lowered and replaced in the late 1980s to early 1990s. According to Mr. Hull, the basement was four feet tall prior to the basement remodeling. Also, Mr. Hull noted that a previous occupant may have operated an air compressor on a raised section of concrete on the basement floor. The potential for environmental impact from historical use of an air compressor represents a suspect REC in connection with the Property.



7.2 Interviews with Local Government Officials

On July 24, 2012, SME interviewed Fire Chief Joe Tuckey of the Tecumseh Fire Department, and asked whether he had any environmental concerns associated with the Property and surrounding area. Mr. Tuckey indicated he was not aware of environmentally related incidents having occurred on the Property in his 26 years of working for the fire department.

7.3 Interviews with Others

No other interviews were performed as part of this Phase I ESA.



8. EVALUATION AND REPORT PREPARATION

8.1 Findings

Based on the results of the Phase I ESA, the following known RECs, suspect RECs, HRECs, and/or *de minimis* conditions were identified in connection with the Property:

- The Property, located in downtown Tecumseh, was comprised of two buildings. A barber shop, saloon, harness store, pool hall, movie theater, meat store, and restaurant occupied the buildings at various times from the late 1880s to the present. Carpet on Wheels has occupied the Property for approximately 20 years. The meat store operated from at least the late 1880s until some time prior to 1935. Animal rendering occurred in the early 1900s. In 1907, a gasoline engine was used to heat the rendering kettle; by 1912, an electric engine was used. Rendering activities appeared to have ceased by 1922. The potential for environmental impact from unreported and/or undetected release of hazardous substances and/or petroleum products associated with use of the gasoline engine represents a suspect REC in connection with the Property.
- According to Mr. Hull, a prior occupant operated an air compressor on a raised section of the basement floor (Section 7.1). The potential for unreported and/or undetected releases of petroleum products associated with former use of an air compressor represents a suspect REC in connection with the Property.
- From 1888 to 1922, the *Tecumseh Herald* newspaper operated out of a building 100 feet to the west. A printing shop operated on the same property from 1922 to 1953 (Section 5.5). The potential for environmental impact from migration of inks from the newspaper and printing operations onto the Property represents a suspect REC in connection with the Property.
- In 1912, a clothing cleaner was in operation 120 feet southwest of the Property (Section 5.5). The potential for environmental impact from migration of hydrocarbon or chlorinated solvents from the clothing cleaner operations onto the Property represents a suspect REC in connection with the Property.
- From 1922 to 1953, two USTs were located approximately 200 feet west of the Property (Section 5.5). These tanks were part of a gas station in the 1930s, which has since been replaced by a municipal garage. It is unknown whether the USTs are still present. The potential for environmental impact from migration of hazardous substances and/or petroleum products from the USTs and former gas station onto the Property represents a suspect REC in connection with the Property.
- The current BP gas station (Section 6.5), located approximately 200 feet southwest of the Property was associated with USTs. USTs were first installed in 1935; the current USTs were installed in 1975 (one) and 1986 (two). A series of gas stations, including the Baker Brothers open LUST, have occupied this location since the 1930s (Section 5.5). In 1997, a gasoline release was reported (Section 5.1) at the site. The potential



for environmental impact from migration of hazardous substances and/or petroleum products from the reported release and USTs onto the Property represents a suspect REC in connection with the Property.

8.2 Opinion

- The potential for unreported and/or undetected releases of hazardous substances and/or petroleum products associated with the gasoline engine operations on the Property (Section 5.4) The gasoline engine was in operation for a short period of time surrounding 1907. By 1912, the gasoline engine was replaced with an electric engine. According to Mr. Hull, during this time frame the basement was approximately four feet tall, which would inhibit work in this area. It is, therefore, likely that the gasoline engine resided on the first floor of the building. Due to the location and time frame of the gasoline engine usage, in SME's opinion, this does not represent a REC in connection with the Property.
- The potential for unreported and/or undetected releases of hazardous substances and/or petroleum products associated with the air compressor operation on the Property represents a REC in connection with the Property (Section 7.1).
- The potential for environmental impact from migration of hazardous substances onto the Property from former newspaper printing operations located approximately 100 feet west of the Property (Section 5.5) Based on SME's knowledge of the location, duration of operations, and presumed groundwater flow direction, this represents a REC in connection with the Property.
- The potential for environmental impact from migration of hazardous substances and/or petroleum products from former USTs located approximately 200 feet west of the property (Section 5.5) Based on SME's knowledge of the location, age of USTs, and presumed direction of groundwater flow, this represents a REC in connection with the Property.
- The potential for environmental impact from migration of hazardous substances from the former clothing cleaner site located approximately 120 feet southwest of the Property (Section 5.5) The clothing cleaner site operated in the early 20th century. It was only evident on the 1912 Sanborn map. Based on SME's knowledge of the time at which chemical usage became prevalent in clothing cleaner operations, chlorinated solvent usage would not be expected in the indicated time period of the clothing cleaner site. Hydrocarbons (e.g. gasoline) may have been used. However, since the operations at this location appear limited, both spatially and temporally, the clothing cleaner does not represent a REC in connection with the Property.



The potential for environmental impact from migration of hazardous substances and/or petroleum products onto the Property from the BP gas station (fka Baker Brothers open LUST) located approximately 200 feet to the southwest (Sections 5.1, 5.5, and 6.5). – Based on SME's knowledge of the location, known existence of a LUST, age of USTs, and presumed direction of groundwater flow, this represents a REC in connection with the Property.

8.3 Additional Investigation

In the EP's opinion a subsurface assessment, including collection and analysis of soil gas, soil, and/or groundwater samples, is needed to evaluate whether environmental contamination is associated with the identified RECs.

8.4 Data Gaps

SME identified the unknown use of the Property between 1953 and 1982 and the lack of title work as data gaps in connection with this Phase I ESA. Based on review of historical record sources referenced in this report, in SME's opinion, the data gaps did not impair our ability to identify RECs in connection with the Property.

8.5 Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of Carpet on Wheels, Inc. (115 and 119 West Chicago Boulevard, in Tecumseh, Lenawee County, Michigan), the property. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed no evidence of recognized environmental conditions or negative site impacts in connection with the property except for the following:

- The potential for unreported and/or undetected releases of petroleum products associated with historical use of an air compressor on the Property (Section 7.1).
- The potential for environmental impact from migration of hazardous substances and/or petroleum products from the following:
 - o Historical newspaper and printing operations located approximately 100 feet west of the Property (Section 5.5).
 - o Historical USTs located in W. Chicago Boulevard and Pearl Street approximately 200 feet west of the property (Section 5.5).
 - o The current BP gas station (aka Baker Brothers open LUST) located approximately 200 feet southwest of the Property (Sections 5.1, 5.5, and 6.5).



In the EP's opinion a subsurface assessment, including collection and analysis of soil gas, soil, and/or groundwater samples, is needed to evaluate whether environmental contamination is associated with the identified RECs.

8.6 Additional Services

No additional services, other than those discussed in Section 9, were provided as part of this Phase I ESA.

8.7 Deviations

No deviations occurred as part of this Phase I ESA.

8.8 References

1. American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, November 1, 2005.

8.9 Signature(s) of Environmental Professional(s)

The Environmental Professional responsible for the conduct of this Phase I ESA was Ms. Rhonda F. Miller, CHMM. The site reconnaissance and interviews were performed by Mr. Joel Hecker and Ms. Miller. The report was reviewed by Ms. Cheryl A. Kehres-Dietrich, CGWP. Resumes of Mr. Hecker, Ms. Miller, and Ms. Kehres-Dietrich are attached in Section 10.8.

Rhonda F. Miller, CHMM

Project Consultant

8.10 Qualification(s) of Environmental Professional(s)

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



9 NON SCOPE CONSIDERATIONS

9.1 Friable and Non-friable Asbestos Containing Materials (ACMs)

SME did not conduct an asbestos assessment.

9.2 Lead-Based Paint

SME did not conduct a lead paint assessment.

9.3 Formaldehyde Insulation

SME observed no formaldehyde insulation during the Property reconnaissance. In addition, Edward Hull, the current Property owner, reported that the Property buildings did not contain urea-formaldehyde materials.

9.4 Radon Gas

The Property is located in Lenawee County. SME performed no specific tests for radon on the Property. However, MSHDA requires that developments located in Lenawee County include installation of a passive radon mitigation barrier and documentation of such in the project plans.

9.5 Floodplains

SME reviewed a Federal Emergency Management Agency (FEMA) flood map (Community Panel Number 2601170003B) for the Property and surrounding area. Based on SME's review of the floodplain map, the property is in a zone of minimal flooding. A copy of the floodplain map is included in Section 10.7.

9.6 Wetlands

SME reviewed a United States Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) Map, for the area of the Property obtained from the USFWS online wetlands mapper website on July 24, 2012. According to the NWI map, wetlands were not depicted on the Property. A copy of the NWI map is included in Section 10.7.

9.7 EMF

SME observed no visual evidence of high voltage power lines during the Property reconnaissance.



9.8 High Pressure Buried Gas Lines

SME identified no evidence of high-pressure buried gas lines in the course of conducting this Phase I ESA.

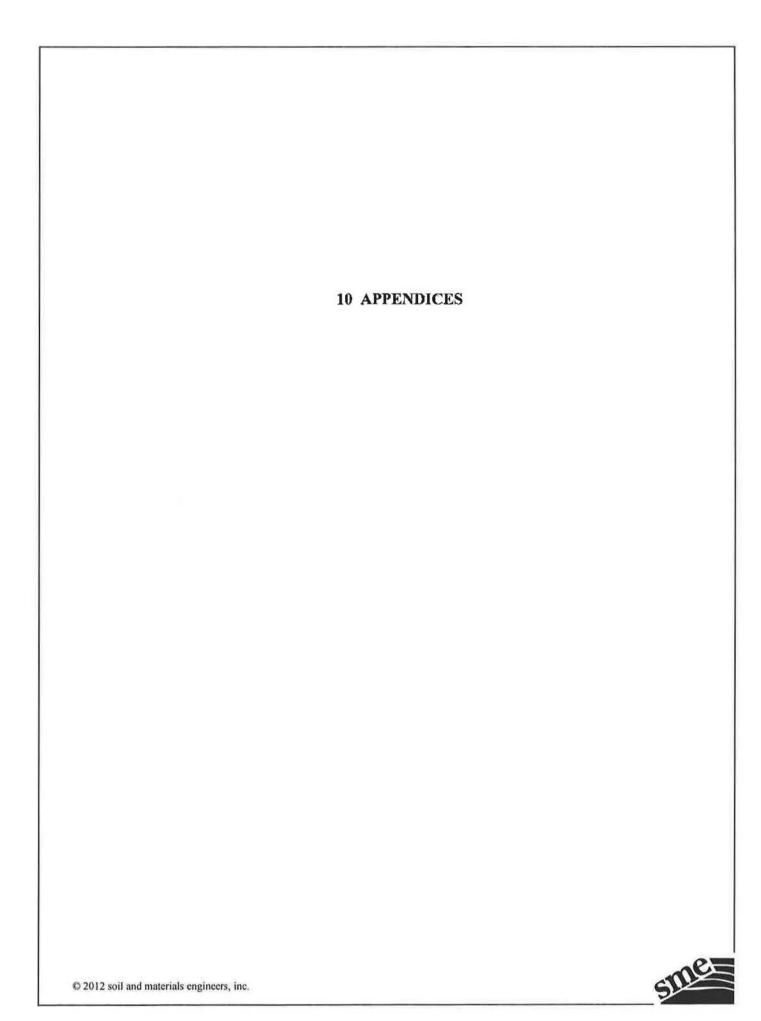
9.9 Noise Analysis

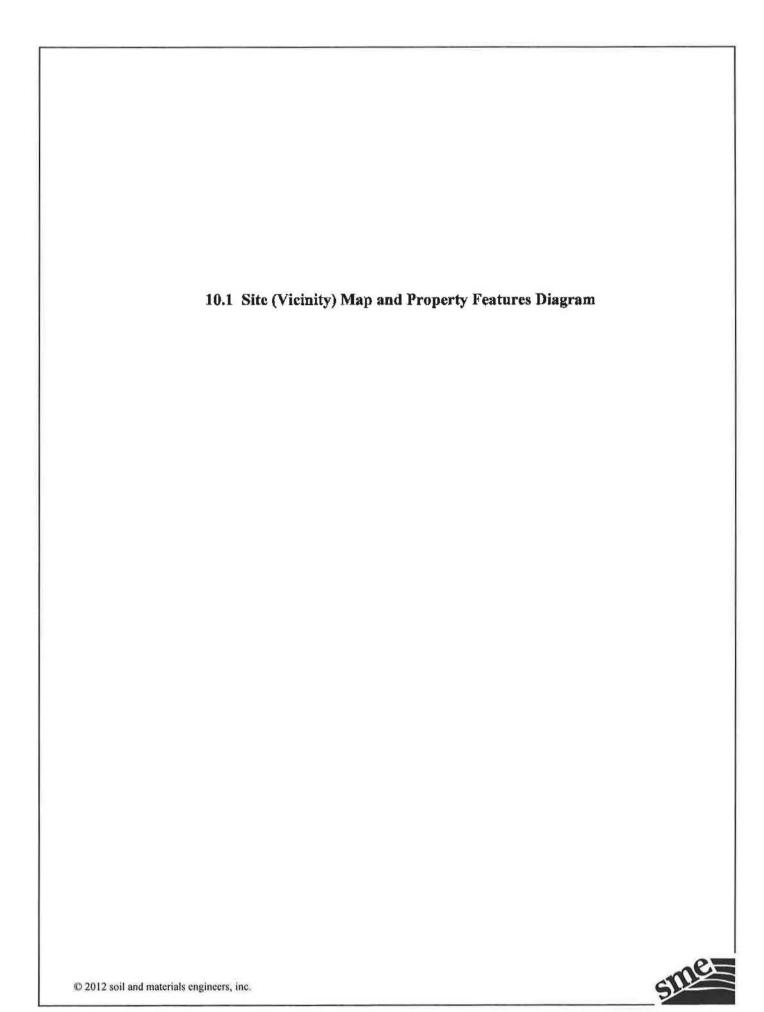
SME identified no active rail lines, limited access highways, or busy roadways within the MSHDA-specified distance from the Property. SME identified an abandoned rail line located approximately 250 feet east of the Property.

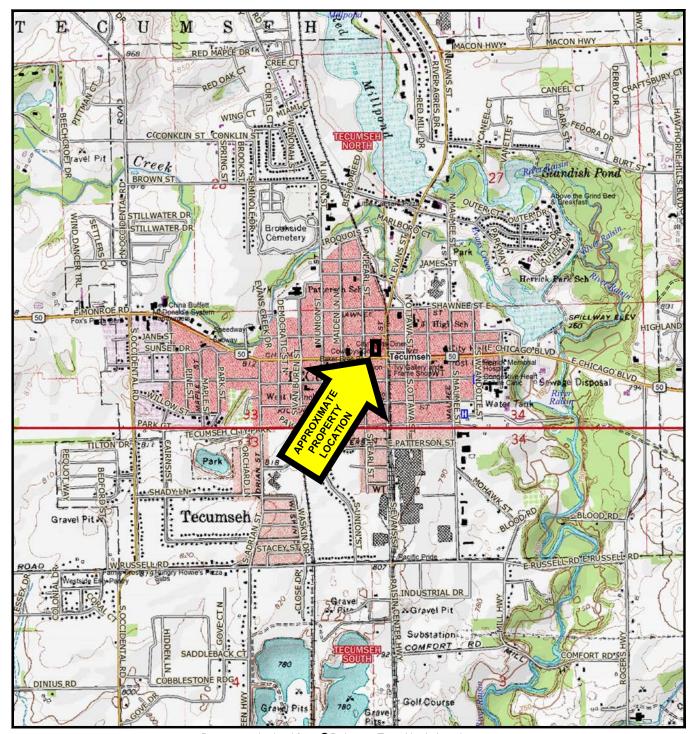
9.10 Vapor Encroachment Screen (ASTM E 2600-10)

SME conducted the Tier I and non-invasive Tier II components of the ASTM E 2600-08 Standard Practice for assessing potential Vapor Encroachment Conditions (pVECs); no pVECs were identified within 100 feet of the Property.

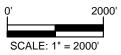








Base map obtained from © DeLorme Topo North America™ 9.



USGS QUADRANGLE(s) REFERENCED TECUMSEH NORTH (MI) 1978



Jul 26, 2012 - 1:59pm - jblake

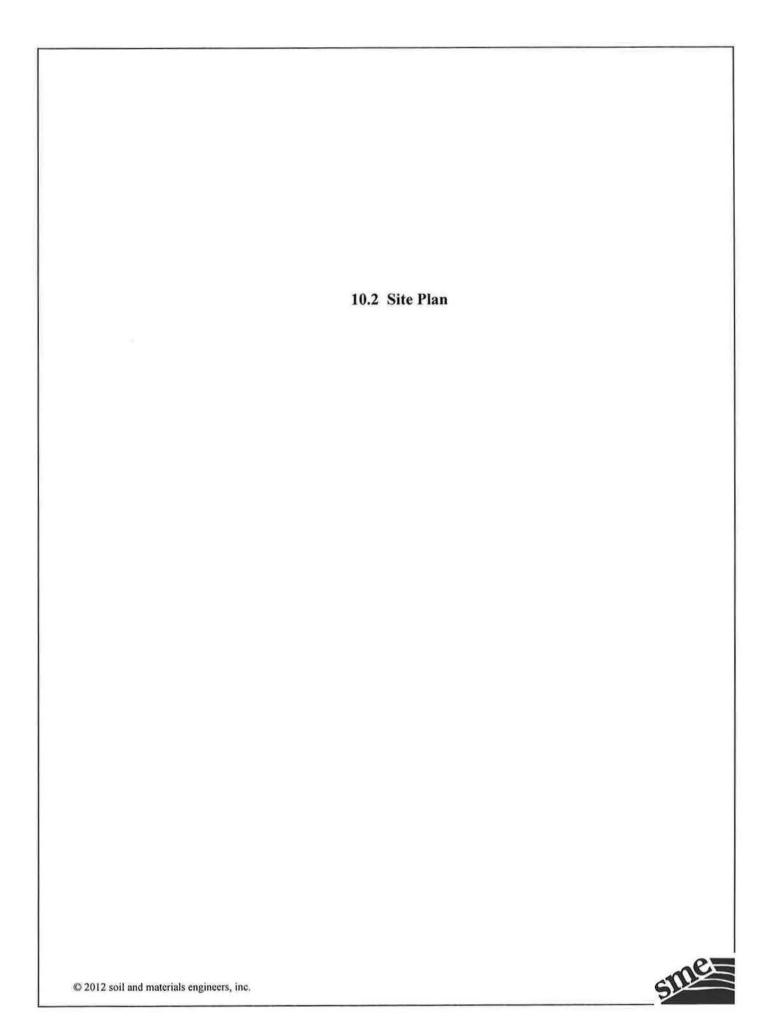
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Indiana Michigan Ohio

Date	7-26-12
Drawn By	JAB
Scale 1'	' = 2000'
Project 06046	0.03.007

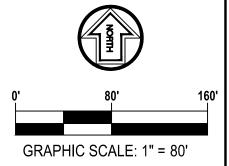
USGS 7.5 MINUTE TOPOGRAPHIC MAP 115 AND 119 WEST CHICAGO BLVD. TECUMSEH, MICHIGAN







PROPERTY BOUNDARY



NOTE:
DRAWING INFORMATION TAKEN FROM A GOOGLE EARTH AERIAL,
DATED OCTOBER 4, 2011.

Jul 27, 2012 - 1:48pm - jblake



Indiana Michigan Ohio

Date	7-27-12
Drawn By	JAB
Designed By	JH
Scale	1" = 80'
Project 06046 0	0.03.007

PROPERTY FEATURES DIAGRAM 115 AND 119 WEST CHICAGO BLVD. TECUMSEH, MICHIGAN

No.	Revision Date

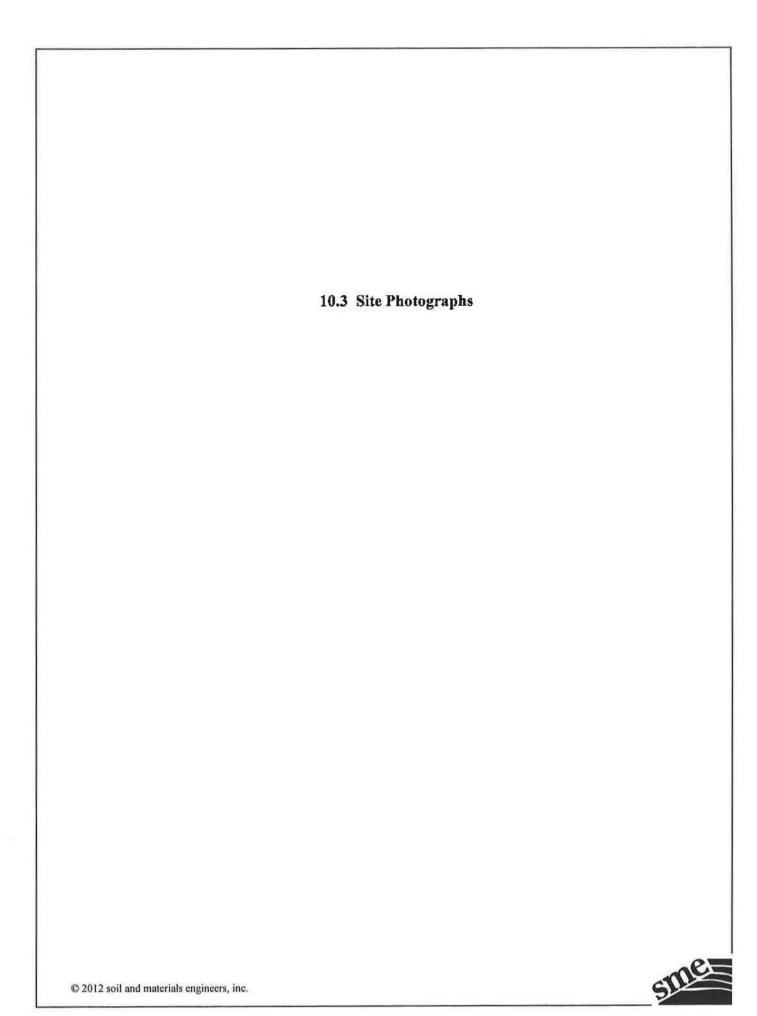




PHOTO NO. 1: South side of Property exterior and attached buildings.



PHOTO NO. 2: North side of second floor exterior.

SME Project Number: 060460.03.007
Photograph by: Joel W. Hecker
Date: 07/20/2012
Project: Carnet on Whee

Project: Carpet on Wheels Location: Tecumseh, Michigan



PHOTO NO. 3: BP Gas Station to southwest of Property.

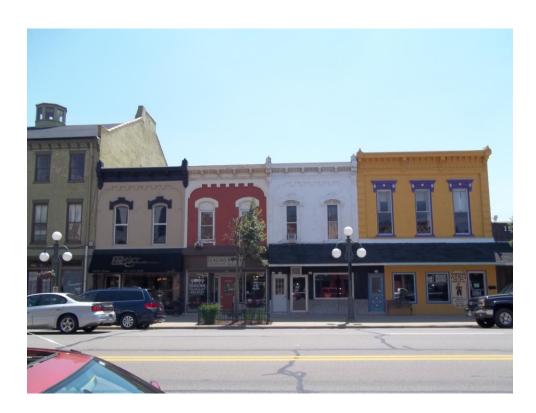


PHOTO NO. 4: Store fronts across W. Chicago Blvd. from Property.

SME Project Number: 060460.03.007
Photograph by: Joel W. Hecker
Date: 07/20/2012

Project: Carpet on Wheels Location: Tecumseh, Michigan



PHOTO NO. 5: Second floor interior.

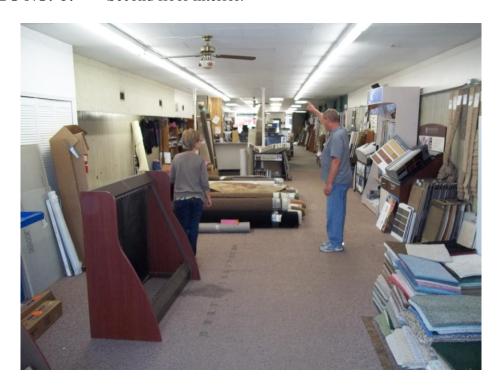


PHOTO NO. 6: First floor interior.

SME Project Number: 060460.03.007
Photograph by: Joel W. Hecker
Date: 07/20/2012

Project: Carpet on Wheels
Location: Tecumseh, Michigan



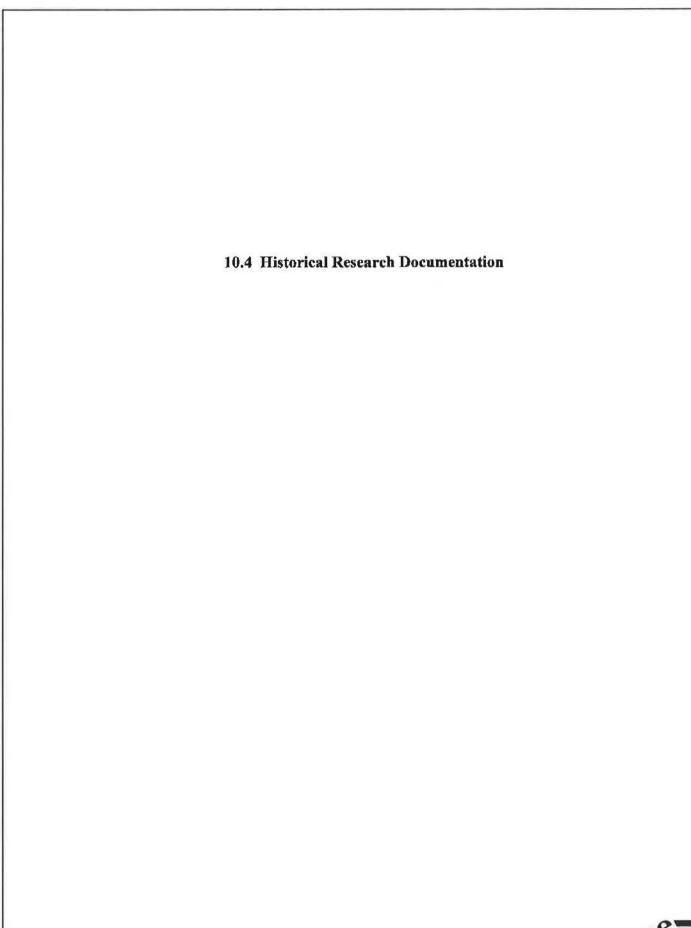
PHOTO NO. 7: Basement interior.



PHOTO NO. 8: Raised platform on basement floor (possibly for an air compressor).

SME Project Number: 060460.03.007
Photograph by: Joel W. Hecker
Date: 07/20/2012

Project: Carpet on Wheels Location: Tecumseh, Michigan





Carpet on Wheels

115 and 119 West Chicago Boulevard Tecumseh, MI 49286

Inquiry Number: 3364903.4

July 16, 2012

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography July 16, 2012

Target Property:

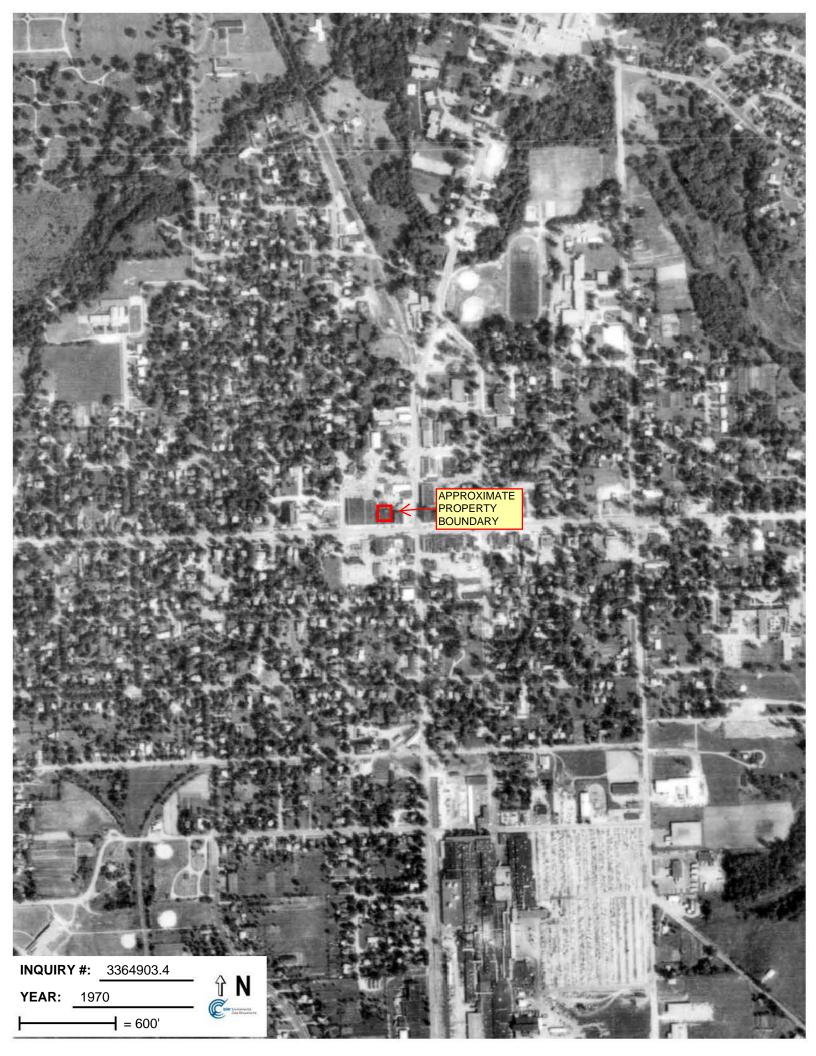
115 and 119 West Chicago Boulevard Tecumseh, MI 49286

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
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1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	PMA
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	ASCS
1970	Aerial Photograph. Scale: 1"=600'	Flight Year: 1970	ASCS
1979	Aerial Photograph. Scale: 1"=600'	Flight Year: 1979	ASCS
1992	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1992	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR

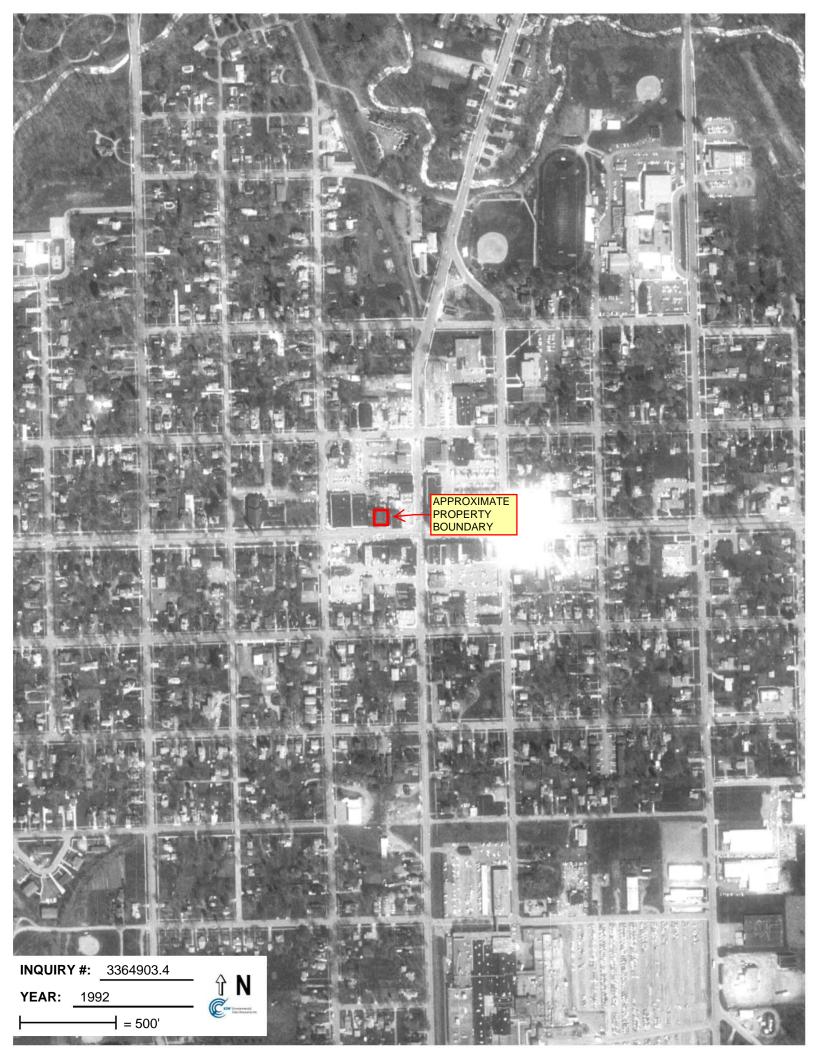


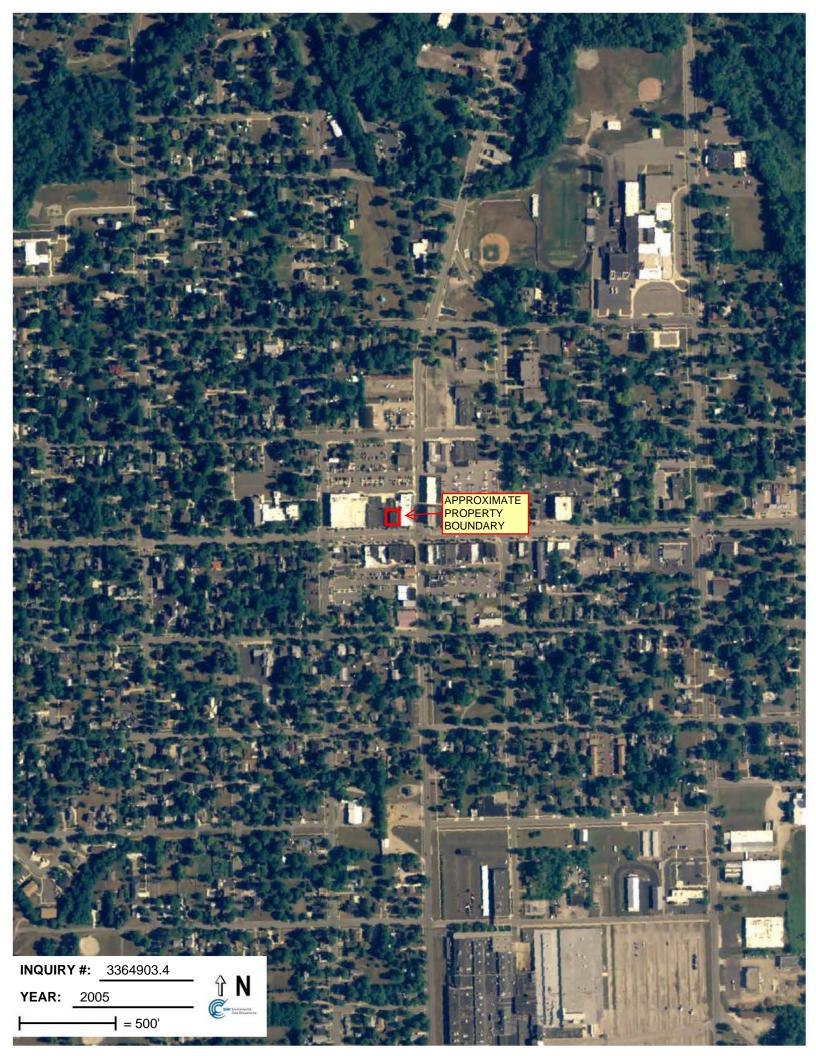
















Carpet on Wheels

115 and 119 West Chicago Boulevard Tecumseh, MI 49286

Inquiry Number: 3364903.3

July 12, 2012

Certified Sanborn® Map Report



Certified Sanborn® Map Report

7/12/12

Site Name: Client Name:

Carpet on Wheels 115 and 119 West Chicago Tecumseh, MI 49286 Soil & Materials Engineers 43980 Plymouth Oaks Plymouth, MI 48170

EDR Inquiry # 3364903.3 Contact: Rhonda Miller



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Soil & Materials Engineers were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Carpet on Wheels

Address: 115 and 119 West Chicago Boulevard

City, State, Zip: Tecumseh, MI 49286

Cross Street:

P.O. # NA

Project: 060460.03.007 **Certification #** 84A5-4A91-AC90

Maps Provided:

1953	1899
1944	1893
1935	1888
1922	
1912	
1907	



Sanborn® Library search results Certification # 84A5-4A91-AC90

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

University Publications of America

▼ EDR Private Collection

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1953 Source Sheets



Volume 1, Sheet 2

1944 Source Sheets



Volume 1, Sheet 2

1935 Source Sheets



Volume 1, Sheet 2

1922 Source Sheets



Volume 1, Sheet 5 Volum



Volume 1, Sheet 10

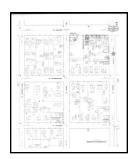
1912 Source Sheets



Volume 1, Sheet 4



Volume 1, Sheet 5



Volume 1, Sheet 7



Volume 1, Sheet 8

1907 Source Sheets



Volume 1, Sheet 3



Volume 1, Sheet 4

1899 Source Sheets



Volume 1, Sheet 3

1893 Source Sheets

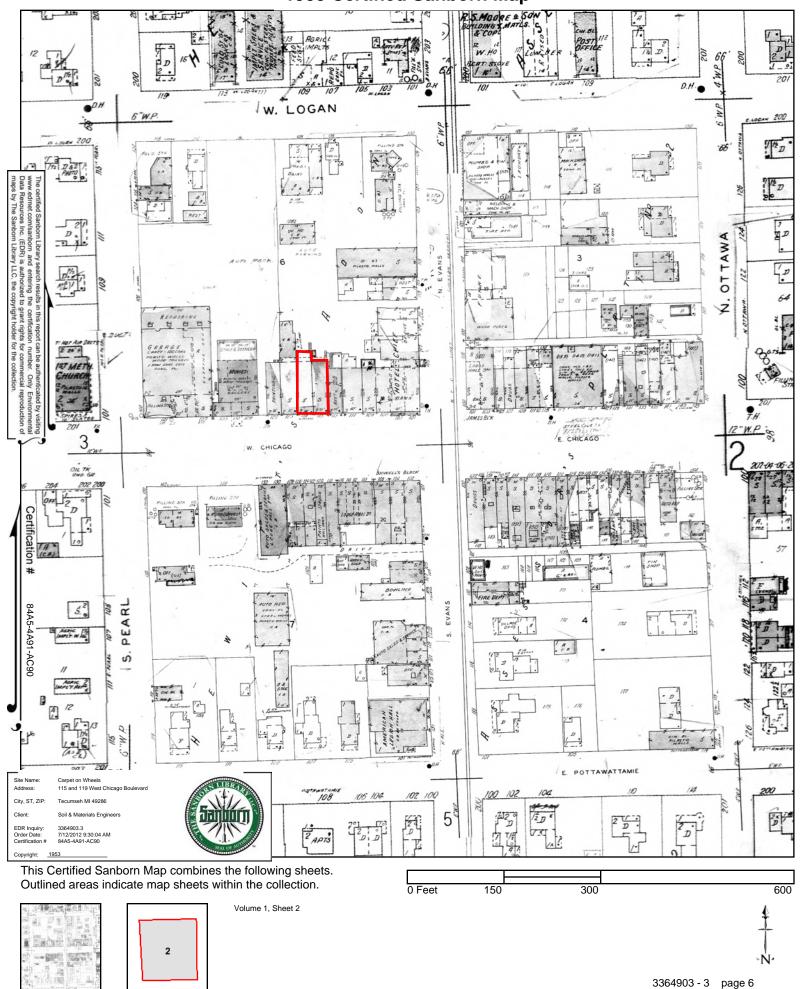


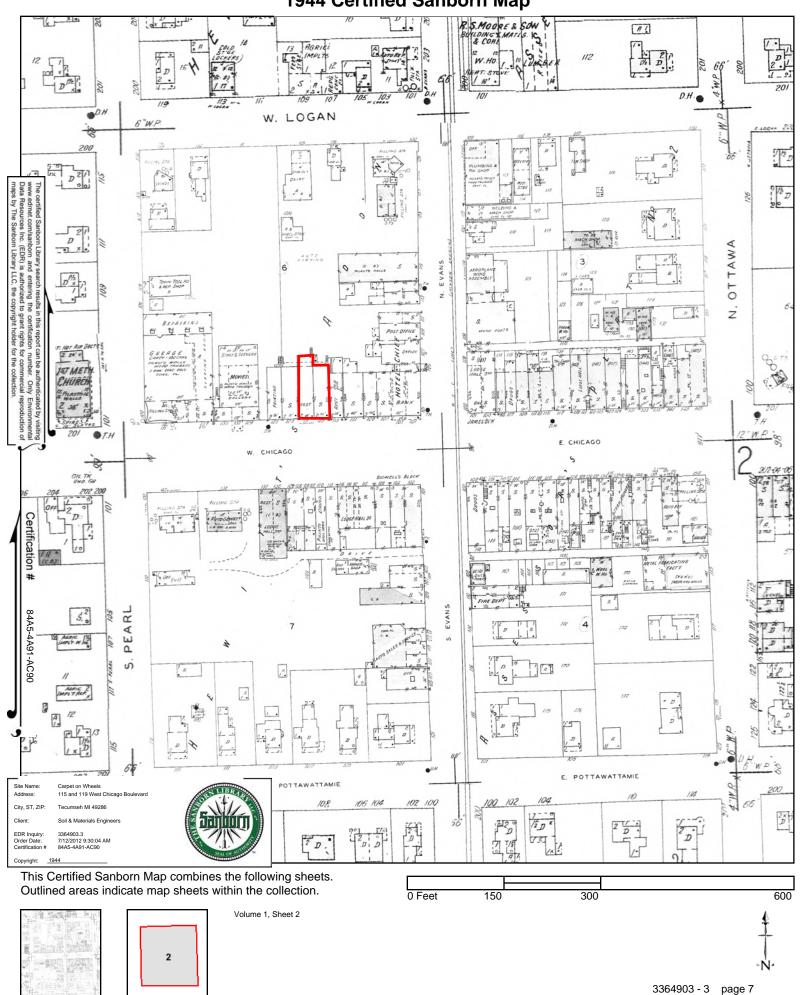
Volume 1, Sheet 2

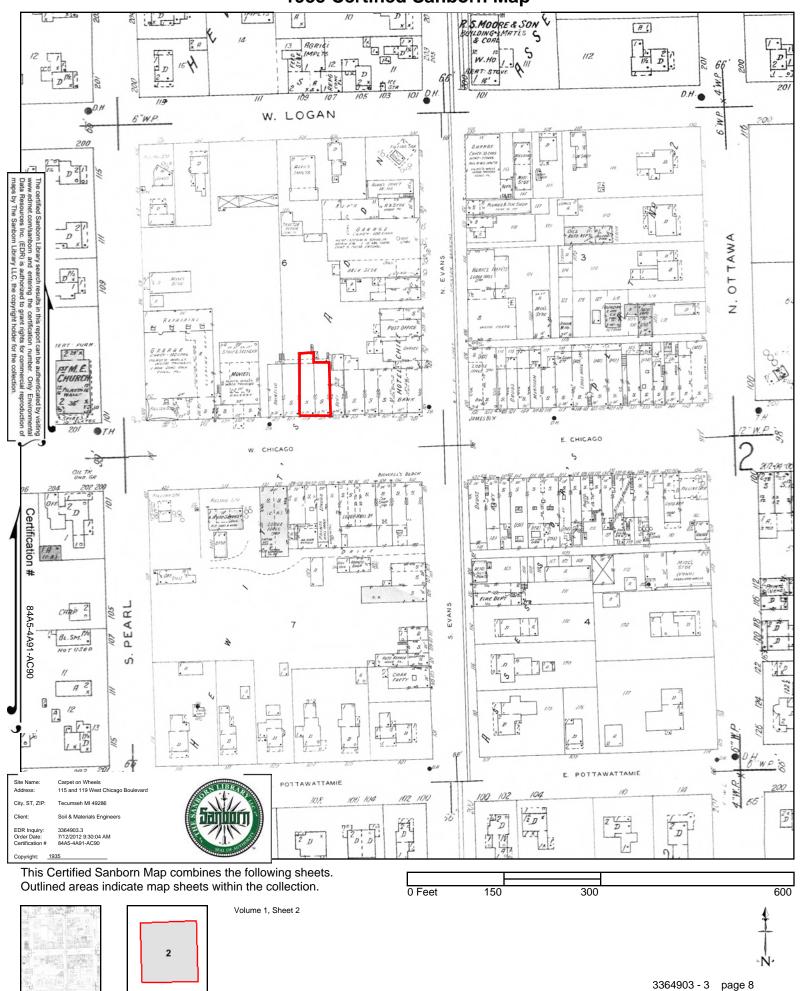
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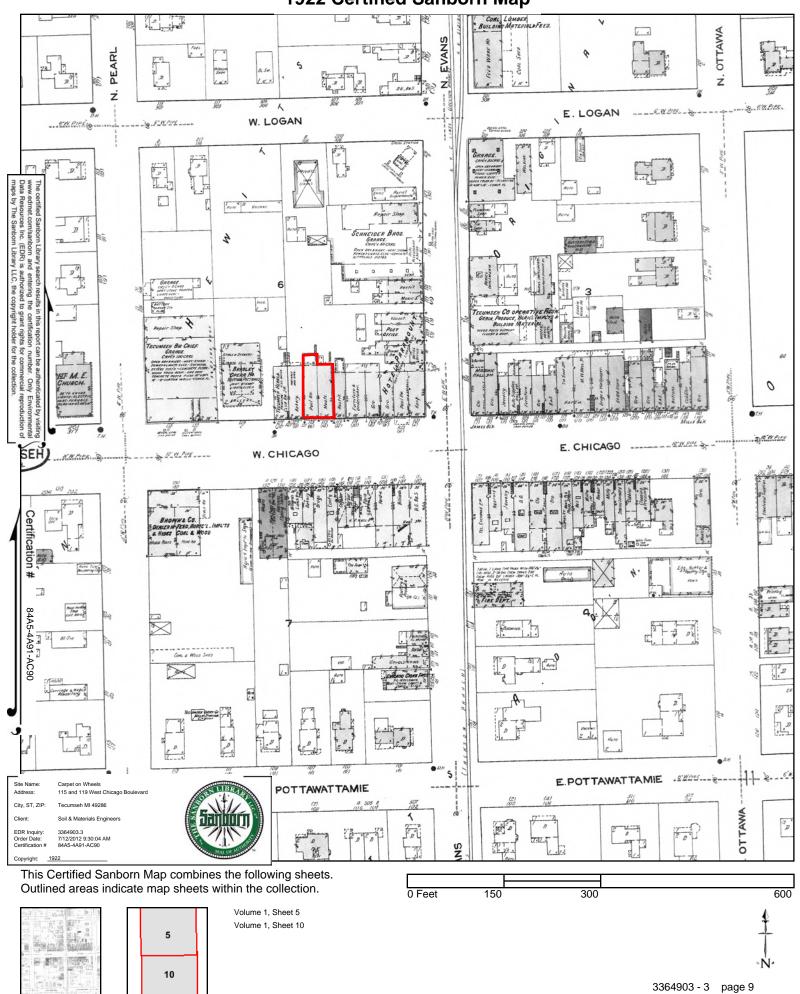


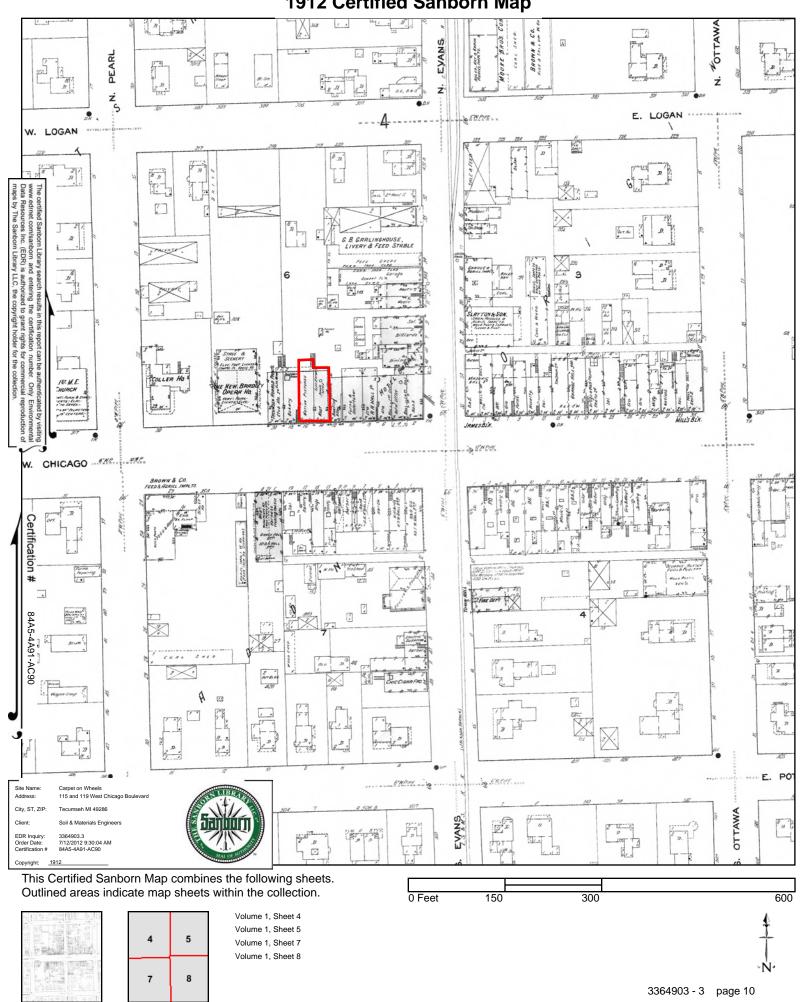
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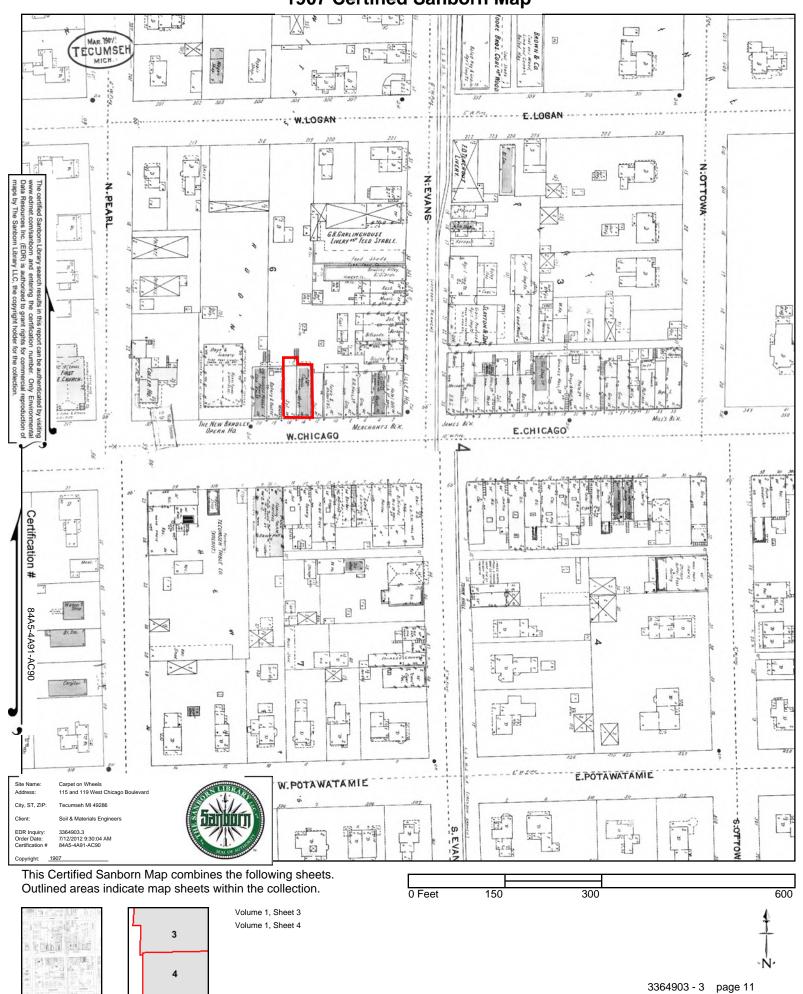


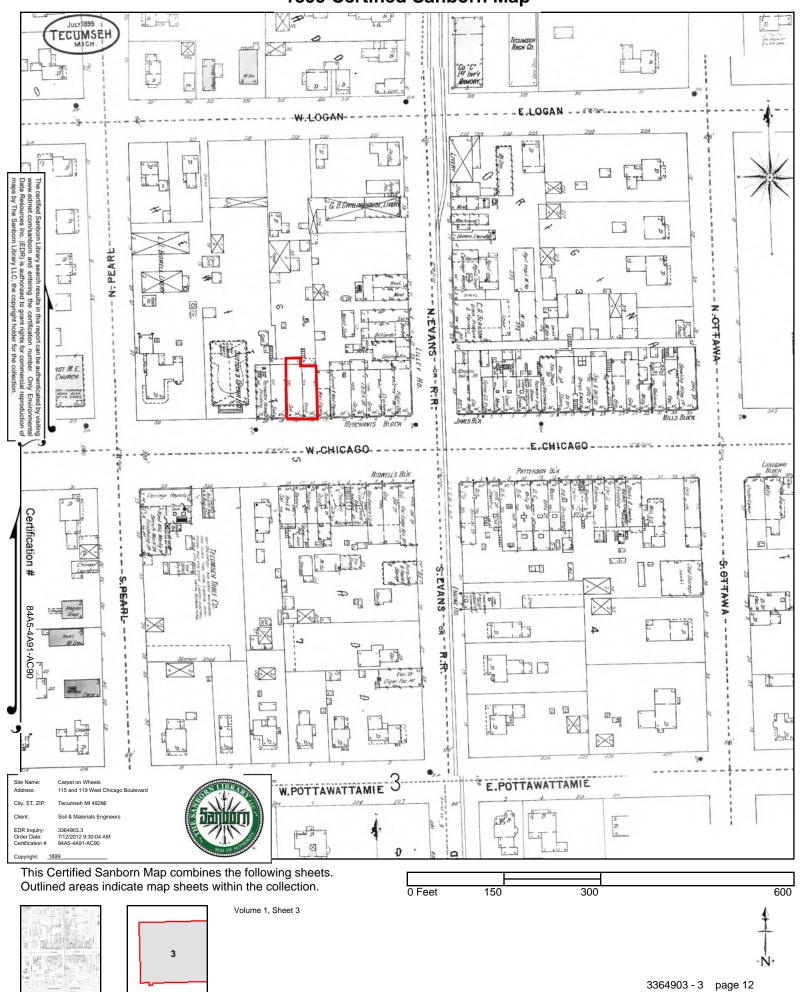


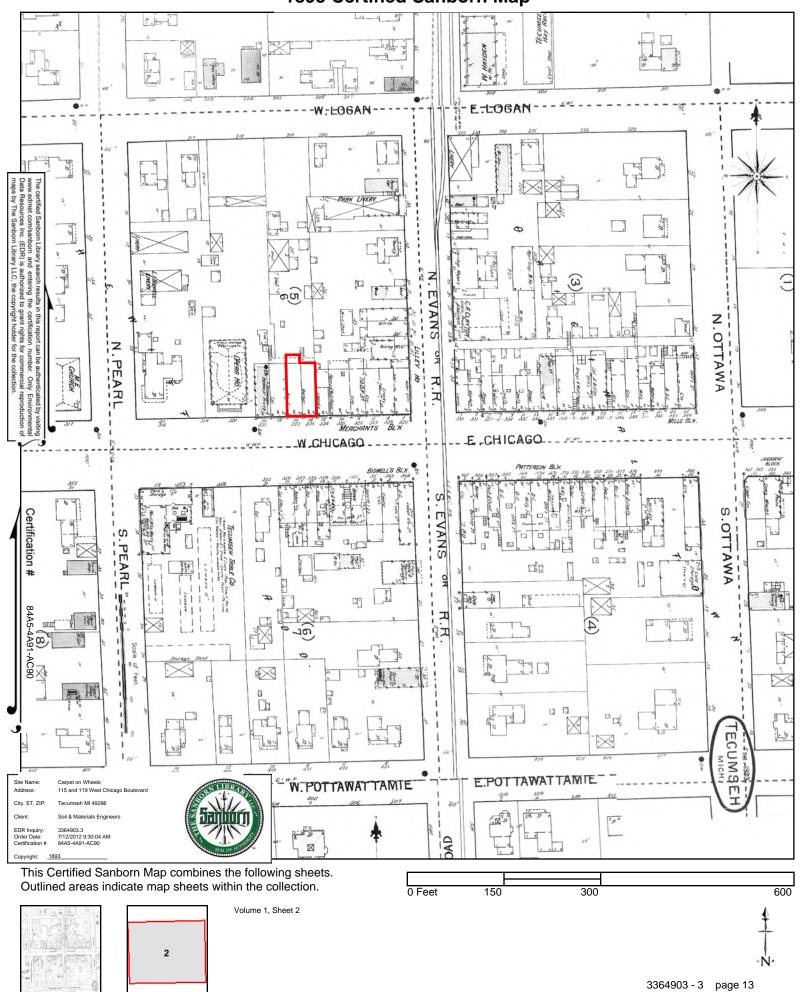


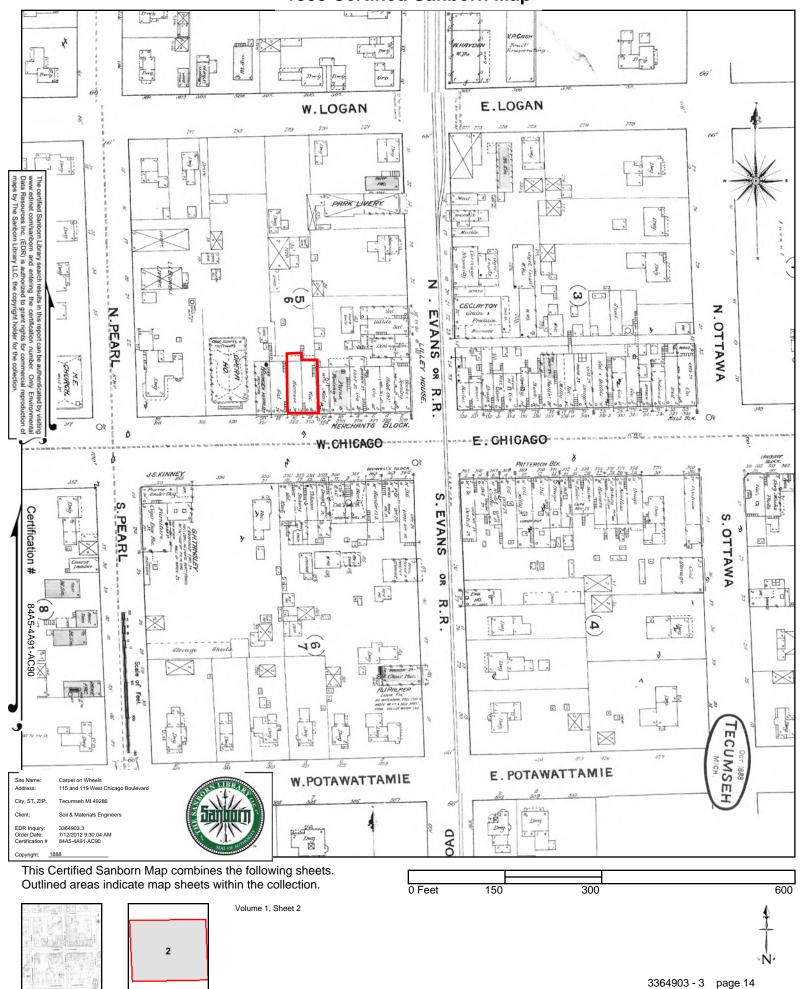


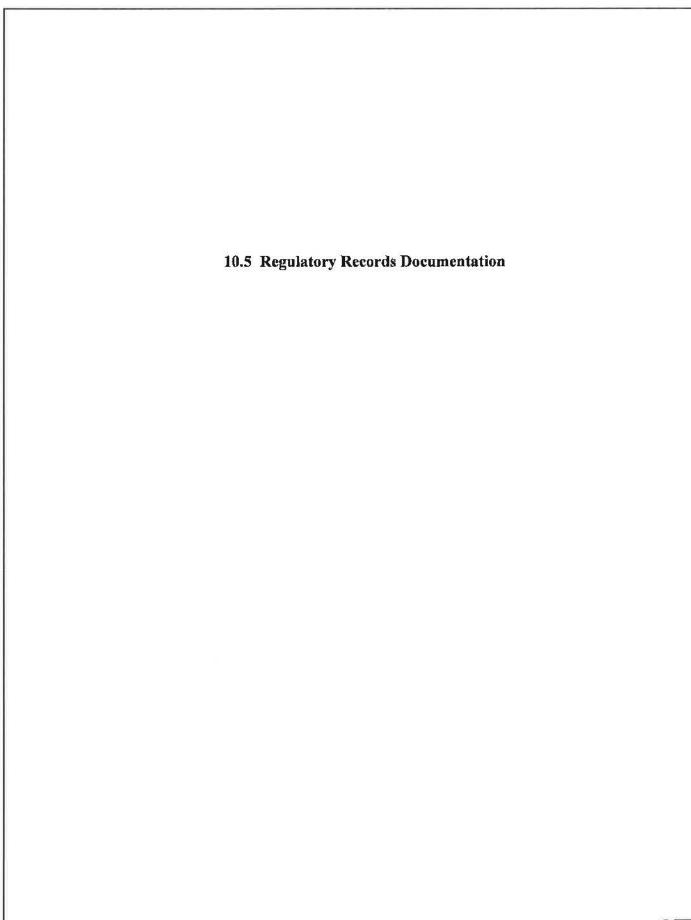














Carpet on Wheels

115 and 119 West Chicago Boulevard Tecumseh, MI 49286

Inquiry Number: 3364903.2s

July 11, 2012

The EDR Radius Map™ Report with GeoCheck®

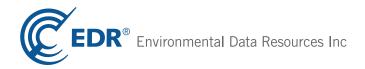


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Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

115 AND 119 WEST CHICAGO BOULEVARD TECUMSEH, MI 49286

COORDINATES

Latitude (North): 42.0041000 - 42° 0′ 14.76″ Longitude (West): 83.9454000 - 83° 56′ 43.44″

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 256066.5 UTM Y (Meters): 4654215.5

Elevation: 805 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42083-A8 TECUMSEH NORTH, MI

Most Recent Revision: 1975

South Map: 41083-H8 TECUMSEH SOUTH, MI

Most Recent Revision: 1972

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010 Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Proposed NPL Proposed National Priority List Sites NPL LIENS Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA generators list

Federal institutional controls / engineering controls registries

US ENG CONTROLS...... Engineering Controls Sites List US INST CONTROL...... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Facilities Database

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Aboveground Tanks

INDIAN UST...... Underground Storage Tanks on Indian Land

FEMA UST...... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

AUL..... Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

SWRCY..... Recycling Facilities

HIST LF..... Inactive Solid Waste Facilities

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

DEL SHWS..... Delisted List of Contaminated Sites

Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS..... Land Use Control Information System

LIENS____Lien List

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS...... Pollution Emergency Alerting System

Other Ascertainable Records

RCRA-NonGen_____ RCRA - Non Generators DOT OPS..... Incident and Accident Data DOD...... Department of Defense Sites FUDS...... Formerly Used Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

ROD...... Records Of Decision UMTRA..... Uranium Mill Tailings Sites MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS______FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS..... Integrated Compliance Information System

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS Facility Index System/Facility Registry System RAATS....... RCRA Administrative Action Tracking System UIC......Underground Injection Wells Database

WDS..... Waste Data System DRYCLEANERS...... Drycleaning Establishments NPDES..... List of Active NPDES Permits

AIRS..... Permit and Emissions Inventory Data

INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

COAL ASH..... Coal Ash Disposal Sites

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER...... PCB Transformer Registration Database

US FIN ASSUR...... Financial Assurance Information
FINANCIAL ASSURANCE.... Financial Assurance Information Listing
COAL ASH DOE...... Sleam-Electric Plan Operation Data

EPA WATCH LIST..... EPA WATCH LIST

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/28/2011 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
TECUMSEH COMPRESSOR COMPANY	100 E PATTERSON ST	S 1/4 - 1/2 (0.360 mi.)	13	20	

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 08/19/2011 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
TECUMSEH COMPRESSOR COMPANY	100 E PATTERSON ST	S 1/4 - 1/2 (0.360 mi.)	13	20	

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/15/2012 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
TECUMSEH COMPRESSOR COMPANY	100 E PATTERSON ST	S 1/4 - 1/2 (0.360 mi.)	13	20	

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/15/2012 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAKER BROTHERS	142 W CHICAGO BLVD	WSW 0 - 1/8 (0.024 mi.)	A1	7

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state

funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's' Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 04/30/2012 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
315 S OTTAWA ST	315-317 S OTTAWA ST.	SSE 1/8 - 1/4 (0.214 mi.)	C10	16	
Facility Status: Evaluation conducted					

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 05/01/2012 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
BAKER BROS INC Facility Status: Open	160 W CHICAGO BLVD	W 0 - 1/8 (0.039 mi.)	A2	8	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
Not reported Facility Status: Open	160 E CHICAGO	E 0 - 1/8 (0.053 mi.)	3	10	
PERKY PANTRY EAST Facility Status: Closed	413 E CHICAGO BLVD	E 1/4 - 1/2 (0.280 mi.)	12	17	
ROADHOUSE CAFE Facility Status: Closed	502 E CHICAGO BLVD	E 1/4 - 1/2 (0.361 mi.)	14	31	
HERRICK MEMORIAL HOSPITAL Facility Status: Closed Facility Status: Closed	500 E POTTAWATAMIE ST	ESE 1/4 - 1/2 (0.372 mi.)	15	33	
CONSOLIDATED FREIGHTWAYS Facility Status: Closed	424 S MAUMEE ST	SE 1/4 - 1/2 (0.397 mi.)	17	38	

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 05/01/2012 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAKER BROS INC	160 W CHICAGO BLVD	W 0 - 1/8 (0.039 mi.)	A2	8

Lower Elevation	r Elevation Address		Map ID	Page	
GTE 1430-001B	224 E CHICAGO 224 E MIC	E 0 - 1/8 (0.117 mi.)	6	12	
CITY OF TECUMSEH	309 E CHICAGO BLVD	E 1/8 - 1/4 (0.184 mi.)	7	13	
BEACON OIL CO	321 N EVANS	N 1/8 - 1/4 (0.211 mi.)	8	14	

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 05/25/2012 has revealed that there are 8 BEA sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Address Direction / Distance		Page	
Not reported	160 E CHICAGO	E 0 - 1/8 (0.053 mi.)	3	10	
Not reported	111 W LOGAN	N 0 - 1/8 (0.089 mi.)	B4	11	
Not reported	113 W LOGAN	N 0 - 1/8 (0.089 mi.)	B5	11	
RARE TOOL, INC.	315 S OTTAWA ST	SSE 1/8 - 1/4 (0.213 mi.)	C9	16	
Not reported	317 S OTTAWA ST	SSE 1/8 - 1/4 (0.215 mi.)	C11	16	
Not reported	223 E PATTERSON ST	SSE 1/4 - 1/2 (0.385 mi.)	16	37	
Not reported	500 EAST CUMMINS	ESE 1/4 - 1/2 (0.429 mi.)	18	39	
Not reported	519 N EVANS ST	NNE 1/4 - 1/2 (0.468 mi.)	19	39	

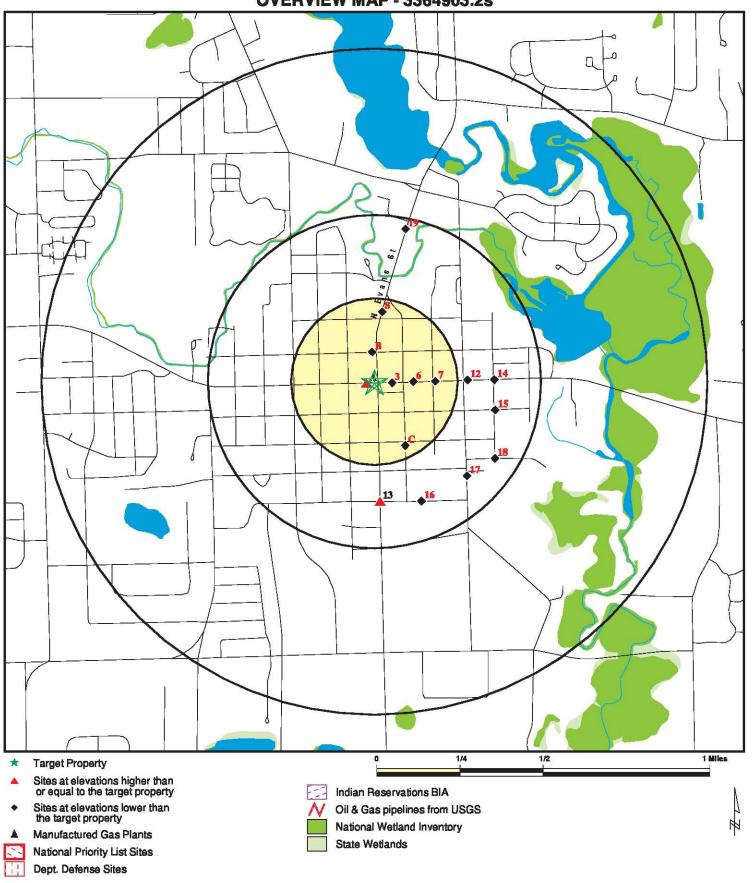
Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

Site Name Database(s)

519 N EVAN ST
TECUMSEH CITY DUMP
TOM KLINE
05JON
CITY OF TECUMSEH
MI DEPT/TRANSPORTATION
GREAT LAKES WELDING CO
FORMER BREAD OF LIFE CHRISTIAN CEN

SHWS
SHWS
LUST, UST
UST
RCRA-NonGen, FINDS
RCRA-CESQG
RCRA-CESQG
BEA

OVERVIEW MAP - 3364903.2s



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

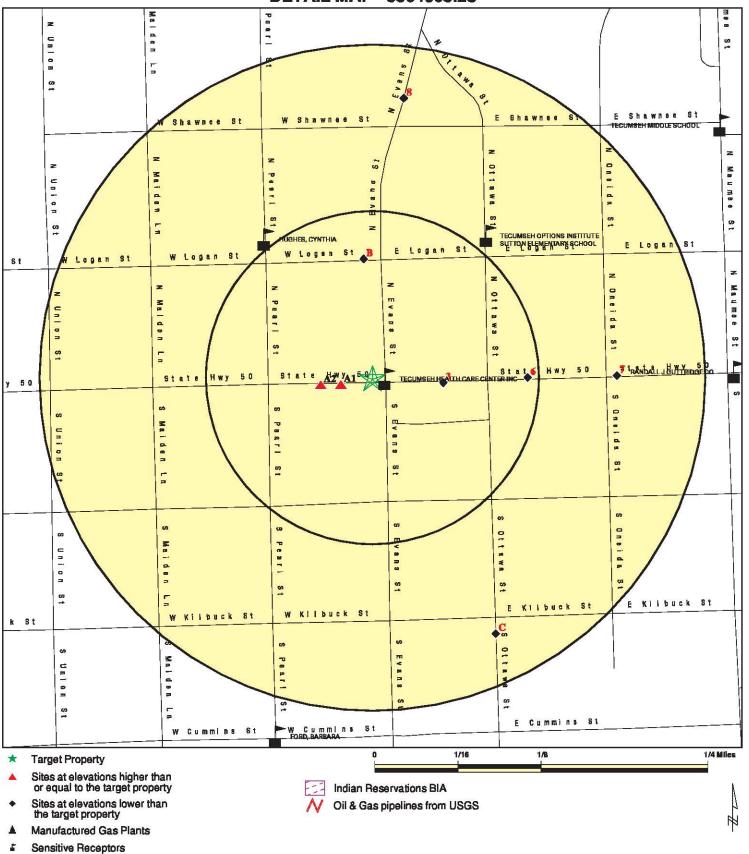
SITE NAME: Carpet on Wheels
ADDRESS: 115 and 119 West Chicago Boulevard
Tecumseh MI 49286

LAT/LONG: 42.0041 / 83.9454 CLIENT: CONTACT: Soil & Materials Engineers **Rhonda Miller**

INQUIRY#: 3364903.2s July 11, 2012 6:45 pm DATE:

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DETAIL MAP - 3364903.2s



display and/or hide map information. The legend includes only those icons for the default map view.

DATE:

SITE NAME: Carpet on Wheels

National Priority List Sites Dept. Defense Sites

ADDRESS: 115 and 119 West Chicago Boulevard

Tecumseh MI 49286 LAT/LONG: 42.0041 / 83.9454

CLIENT: Soil & Materials Engineers CONTACT: **Rhonda Miller** INQUIRY#: 3364903.2s

> July 11, 2012 6:46 pm Copyright © 2012 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

This report includes Interactive Map Layers to

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	AL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL site	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY	0.500 1.000		0 0	0 0	0 0	NR 0	NR NR	0 0
Federal CERCLIS NFRAF	site List							
CERC-NFRAP	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACT	TS facilities li	st						
CORRACTS	1.000		0	0	1	0	NR	1
Federal RCRA non-CORF	RACTS TSD fa	acilities list						
RCRA-TSDF	0.500		0	0	1	NR	NR	1
Federal RCRA generators	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 1	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 1
Federal institutional contended engineering controls reg								
US ENG CONTROLS US INST CONTROL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equival	lent CERCLIS	;						
SHWS	1.000		0	1	0	0	NR	1
State and tribal landfill an solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking s	torage tank li	ists						
LUST INDIAN LUST	0.500 0.500		2 0	0 0	4 0	NR NR	NR NR	6 0
State and tribal registere	d storage tan	k lists						
UST	0.250		2	2	NR	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted			
AST INDIAN UST FEMA UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0			
State and tribal institutional control / engineering control registries											
AUL	0.500		0	0	0	NR	NR	0			
State and tribal voluntary cleanup sites											
INDIAN VCP	0.500		0	0	0	NR	NR	0			
State and tribal Brownfields sites											
BROWNFIELDS	0.500		0	0	0	NR	NR	0			
ADDITIONAL ENVIRONMEN	TAL RECORDS	;									
		•									
Local Brownfield lists											
US BROWNFIELDS	0.500		0	0	0	NR	NR	0			
Local Lists of Landfill / S Waste Disposal Sites	olid										
ODI DEBRIS REGION 9 SWRCY HIST LF INDIAN ODI	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0			
Local Lists of Hazardous waste / Contaminated Sites											
US CDL DEL SHWS CDL US HIST CDL	TP 1.000 TP TP		NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	NR NR NR NR	0 0 0 0			
Local Land Records											
LIENS 2 LUCIS LIENS	TP 0.500 TP		NR 0 NR	NR 0 NR	NR 0 NR	NR NR NR	NR NR NR	0 0 0			
Records of Emergency Release Reports											
HMIRS SPILLS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0			
Other Ascertainable Records											
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD	0.250 TP 1.000 1.000 1.000		0 NR 0 0 0	0 NR 0 0 0	NR NR 0 0 0	NR NR 0 0 0	NR NR NR NR NR	0 0 0 0 0			

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		Ŏ	Ö	NR	NR	NR	Ö
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
BEA	0.500		3	2	3	NR	NR	8
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
•			0	0	0	0	ND	^
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Elevation Site Database(s) EPA ID Number

A1 BAKER BROTHERS RCRA-CESQG 1001220270
WSW 142 W CHICAGO BLVD FINDS MIR000032805

< 1/8 TECUMSEH, MI 49286 0.024 mi.

128 ft. Site 1 of 2 in cluster A

Relative:

RCRA-CESQG:

Higher

Date form received by agency: 12/31/2002

Facility name: BAKER BROTHERS

Actual: Facility address: 142 W CHICAGO BLVD

805 ft. TECUMSEH, MI 49286

EPA ID: MIR000032805 Contact: JEFF BAKER

Contact address: 142 W CHICAGO BLVD

TECUMSEH, MI 49286

Contact country: US

Contact telephone: (517) 423-4000 Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator name: BAKER BROTHERS INC

Owner/operator address:

Owner/operator country:

Owner/operator telephone:

Legal status:

Not reported
Not reported
Not reported
Private

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: BAKER BROTHERS INC

Owner/operator address: Not reported Not reported

Not reported

Owner/operator telephone: Not reported Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

Owner/operator country:

U.S. importer of hazardous waste: No

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

BAKER BROTHERS (Continued)

1001220270

EDR ID Number

Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: Nο Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 06/18/1998

Facility name: BAKER BROTHERS
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003706366

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

 A2
 BAKER BROS INC
 LUST
 U000258260

 West
 160 W CHICAGO BLVD
 UST
 N/A

< 1/8 TECUMSEH, MI 49286

0.039 mi.

207 ft. Site 2 of 2 in cluster A

Relative: LUST:

Higher Facility ID: 00034744

Source: STATE OF MICHIGAN

Actual: Owner Name: Baker Bros Inc

806 ft. Owner Address: 160 W Chicago Blvd

Owner City,St,Zip: Tecumseh, MI 49286-1553

Direction Distance

Elevation Site Database(s) EPA ID Number

BAKER BROS INC (Continued)

U000258260

EDR ID Number

Owner Contact: Not reported Owner Phone: (517) 423-4000

Country: USA

District: Jackson District Office
Site Name: Baker Bros Inc
Latitude: 42.00384
Longitude: -83.94596
Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-0363-02
Release Date: 08/06/1997
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

UST:

 Facility ID:
 00034744

 Facility Type:
 ACTIVE

 Latitude:
 42.00384

 Longitude:
 -83.94596

Owner Name: BAKER BROS INC
Owner Address: 160 W CHICAGO BLVD
Owner City,St,Zip: TECUMSEH, MI 49286-1553

Owner Country: USA Not reported Owner Contact: Owner Phone: (517) 423-4000 Contact: JACK BAKER Contact Phone: 5174235625 01/11/2001 Date of Collection: Accuracy: 100 Accuracy Value Unit: FEET

Accuracy Value Unit: FEET Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Currently In Use

Capacity: 10000
Install Date: 01/01/1975
Product: Gasoline
Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors
Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure
Construction Material: Lined Interier

Impressed Device: No

Tank ID: 2

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BAKER BROS INC (Continued)

U000258260

Tank Status: Currently In Use

4000 Capacity: Install Date: 01/01/1986 Product: Gasoline Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging Pipe Realease Detection: Automatic Line Leak Detectors Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure

Construction Material: Composite(Steel w/Fiberglass)

Impressed Device: No

Tank ID:

Tank Status: **Currently In Use**

Capacity: 6000 Install Date: 01/01/1986 Product: Diesel Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging Pipe Realease Detection: Automatic Line Leak Detectors Piping Material: Fiberglass reinforced plastic

Pressure Piping Type:

Construction Material: Composite(Steel w/Fiberglass)

Impressed Device: No

LUST 3 S102726420

160 E CHICAGO TECUMSEH TOWNSHIP, MI < 1/8

0.053 mi. 282 ft.

East

LUST: Relative: 50002091 Facility ID: Lower

STATE OF MICHIGAN Source: Actual: Owner Name: Nrt Owner

802 ft. Owner Address: Unknown

Unknown, MI 99999 Owner City, St, Zip: Owner Contact: Not reported Owner Phone: Not reported Country: USA

District: Jackson District Office

Site Name: NRT Owner 42.00388 Latitude: Longitude: -83.94434 Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Leak Number: C-0666-97 Release Date: 03/25/1996 Substance Released: Gasoline Release Status: Open Release Closed Date: Not reported BEA

N/A

Direction Distance

Elevation Site Database(s) **EPA ID Number**

(Continued) S102726420

BEA:

Secondary Address: Not reported

BEA Number: 21 District: Jackson Date Received: 03/26/1996 Scott Evans Submitter Name: Petition Determination: Affirmed

Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: Pending Reviewer: temppm

Division Assigned: Storage Tank Division

BEA S108414359 **B4** N/A

North **111 W LOGAN**

< 1/8 **TECUMSEH VILLAGE, MI 49286**

0.089 mi.

Actual:

804 ft.

471 ft. Site 1 of 2 in cluster B

BEA: Relative:

Secondary Address: Not reported Lower

BEA Number: 804 District: Jackson 03/06/2007 Date Received:

Submitter Name: Masters & Company

Petition Determination: No Request

Petition Disclosure:

No Hazardous Substance(s) Category:

Determination 20107A: No Request Reviewer: katkov

Division Assigned: **Environmental Response Division**

B5 BEA S107812191 N/A

North **113 W LOGAN**

TECUMSEH VILLAGE, MI 49286 < 1/8

0.089 mi.

472 ft. Site 2 of 2 in cluster B

BEA: Relative:

Secondary Address: Not reported Lower

BEA Number: 743 Actual: District: Jackson 804 ft. Date Received: 06/15/2006

Submitter Name: **Indian Properties** Petition Determination: No Request

Petition Disclosure: 0

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer:

Division Assigned: **Environmental Response Division**

Secondary Address: Not reported BEA Number: 725 District: Jackson Date Received: 05/04/2006

Submitter Name: Thunder Properties LLC **EDR ID Number**

Direction Distance

Elevation Site Database(s) EPA ID Number

(Continued) S107812191

Petition Determination: No Request

Petition Disclosure: 0

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: katkov

Division Assigned: Environmental Response Division

G GTE 1430-001B UST U003102565
East 224 E CHICAGO 224 E MICHIGAN (FORMERLY) N/A

East 224 E CHICAGO 224 E MICHIGAN (FORMERLY) < 1/8 TECUMSEH, MI 48375

< 1/8 0.117 mi. 616 ft.

Relative: UST:

Lower Facility ID: 00004609
Facility Type: CLOSED

Actual: Latitude: 42.00390
799 ft. Longitude: -83.94322

Horizontal Datum:

Owner Name: GTE NORTH INC
Owner Address: 41140 BRIDGE ST
Owner City,St,Zip: NOVI, MI 48375-1300

Owner Country: USA Owner Contact: Not reported Owner Phone: (317) 896-6605 Contact: CHARLES HARTER (219) 461-2307 Contact Phone: Date of Collection: 01/11/2001 Accuracy: 100 Accuracy Value Unit: **FEET**

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

NAD83

Tank ID:

Tank Status: Removed from Ground

Capacity: 500
Install Date: 03/01/1973
Product: Diesel
Remove Date: 11/01/1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 1000
Install Date: 03/01/1987
Product: Diesel
Remove Date: 07/08/1997
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel

EDR ID Number

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

GTE 1430-001B (Continued) U003102565

Piping Type: Suction: No Valve At Tank
Construction Material: Fiberglass Reinforced plastic

Impressed Device: No

7 CITY OF TECUMSEH UST U000258307 East 309 E CHICAGO BLVD N/A

1/8-1/4 0.184 mi. 969 ft.

Relative: UST:

Lower Facility ID: Facility Type:

Facility Type: ACTIVE

Actual: Latitude: 42.00421

797 ft. Longitude: -83.94169

Owner Name: CITY OF TE

TECUMSEH, MI 49286

Owner Name: CITY OF TECUMSEH
Owner Address: 132 1/2 CHICAGO BLVD
Owner City,St,Zip: TECUMSEH, MI 49286

00034243

Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-2107
Contact: DAVID WILLIAMS
Contact Phone: (517) 423-2107
Date of Collection: 01/11/2001

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: Not reported Install Date: Not reported Product: Gasoline Remove Date: 07/05/1990 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 2

Currently In Use Tank Status: Capacity: Not reported Install Date: Not reported Product: **FUEL OIL** Remove Date: Not reported Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Direction Distance

Elevation Site Database(s) EPA ID Number

CITY OF TECUMSEH (Continued)

U000258307

EDR ID Number

Tank ID: 3

Tank Status: Removed from Ground

Capacity: Not reported Install Date: Not reported Product: Diesel Remove Date: 07/05/1990 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

8 BEACON OIL CO UST U000258315 North 321 N EVANS N/A

1/8-1/4 0.211 mi. 1114 ft.

0.211 mi.

Relative: UST:

Lower Facility ID: 00008821

TECUMSEH, MI 48074

Facility Type: CLOSED

Actual: Latitude: 42.00825

801 ft. Longitude: -83.94480

Owner Name: BY-LO OIL CO

Owner Address: 2799 WADHAMS RD
Owner City, St, Zip: KIMBALL, MI 48074

Owner Country: USA
Owner Contact: Not reported
Owner Phone: (810) 982-1450
Contact: ROBERT DREYER
Contact Phone: (313) 477-8887
Date of Collection: 01/11/2001
Accuracy: 100

Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 4000
Install Date: 04/14/1961
Product: Diesel
Remove Date: 09/02/1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 15000

Direction Distance

Elevation Site Database(s) EPA ID Number

BEACON OIL CO (Continued)

U000258315

EDR ID Number

Install Date: 04/14/1961
Product: Diesel
Remove Date: 09/02/1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 11500
Install Date: 04/14/1961
Product: Diesel
Remove Date: 09/02/1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 15000
Install Date: 04/14/1961
Product: Diesel
Remove Date: 09/02/1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 5

Tank Status: Removed from Ground

Capacity: 4000
Install Date: 04/14/1961
Product: Diesel
Remove Date: 09/02/1988
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Direction Distance

Elevation Site Database(s) EPA ID Number

C9 RARE TOOL, INC. BEA \$105541848
SSE 315 S OTTAWA ST N/A

1/8-1/4 TECUMSEH TOWNSHIP, MI

0.213 mi.

1126 ft. Site 1 of 3 in cluster C

Relative: BEA:

Lower Secondary Address: Not reported

BEA Number: 10

Actual: District: Jackson
801 ft. Date Received: 11/20/1995

Submitter Name: Rare Tool Inc Petition Determination: No Request

Petition Disclosure: 0

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: massonp

Division Assigned: Environmental Response Division

C10 315 S OTTAWA ST SHWS S110126697 SSE 315-317 S OTTAWA ST. SHWS N/A

1/8-1/4 TECUMSEH, MI 49286 0.214 mi.

1132 ft. Site 2 of 3 in cluster C

Relative: SHWS:

Lower Facility ID: 46000203

Facility Status: Evaluation conducted

Actual: Source: Not reported

801 ft. SAM Score: 32

SAM Score Date: 06/10/2005 Township: 05S Range: 04E Section: 34

Quarter: Not reported Quarter/Quarter: Not reported Pollutants: Not reported

C11 BEA S105541849
SSE 317 S OTTAWA ST N/A

1/8-1/4 TECUMSEH TOWNSHIP, MI

0.215 mi.

1135 ft. Site 3 of 3 in cluster C

Relative: BEA

Lower Secondary Address: Not reported BEA Number: 7

Actual: District: Jackson 801 ft. Date Received: 10/26/1995

Submitter Name: Rosemary Schneider/Revocable Trust

Petition Determination: No Request

Petition Disclosure: 0

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: tempom

Division Assigned: Storage Tank Division

Secondary Address: Not reported

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

(Continued) S105541849

BEA Number: 11
District: Jackson
Date Received: 11/20/1995
Submitter Name: Metal Art Inc
Petition Determination: No Request

Petition Disclosure: 0

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: massonp

Division Assigned: Environmental Response Division

 12
 PERKY PANTRY EAST
 LUST U002301951

 East
 413 E CHICAGO BLVD
 UST N/A

1/4-1/2 0.280 mi. 1477 ft.

Relative: LUST:

Lower Facility ID: 00016039

TECUMSEH, MI 49286

Source: STATE OF MICHIGAN

Actual: Owner Name: Lenawee Fuels Inc
794 ft. Owner Address: PO Box 337

Owner City,St,Zip: Tecumseh, MI 49286
Owner Contact: Not reported
Owner Phone: (517) 423-6695

Country: USA

District: Jackson District Office

 Site Name:
 Eastside 76

 Latitude:
 42.00425

 Longitude:
 -83.93987

 Date of Collection:
 01/12/1998

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Accuracy: 10

Accuracy Value Unit: METERS
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-1001-94
Release Date: 09/09/1994
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 11/07/1994

UST:

 Facility ID:
 00016039

 Facility Type:
 ACTIVE

 Latitude:
 42.00425

 Longitude:
 -83.93987

Owner Name: LENAWEE FUELS INC

Owner Address: PO BOX 337 Owner City, St, Zip: TECUMSEH, MI 49286

Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-6695
Contact: JAMES C LAWSON
Contact Phone: (517) 423-6695
Date of Collection: 01/12/1998

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

PERKY PANTRY EAST (Continued)

U002301951

EDR ID Number

Accuracy: 10
Accuracy Value Unit: METERS
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Tank ID:

Tank Status: Removed from Ground

Capacity: 4000
Install Date: 04/25/1976
Product: Gasoline
Remove Date: 06/01/1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 4000
Install Date: 04/25/1976
Product: Gasoline
Remove Date: 06/01/1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 3

Tank Status: Removed from Ground

Capacity: 5000
Install Date: 04/25/1976
Product: Gasoline
Remove Date: 06/01/1986
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status:Currently In UseCapacity:10000Install Date:04/25/1986Product:GasolineRemove Date:Not reported

Tank Release Detection: Automatic Tank Gauging

Direction Distance

Elevation Site Database(s) EPA ID Number

PERKY PANTRY EAST (Continued)

U002301951

EDR ID Number

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure

Construction Material: Fiberglass Reinforced plastic

Impressed Device: No

Tank ID:

Tank Status: Currently In Use

Capacity: 10000
Install Date: 04/25/1986
Product: Gasoline
Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure

Construction Material: Fiberglass Reinforced plastic

Impressed Device: No

Tank ID:

Tank Status: Currently In Use

Capacity: 10000
Install Date: 04/25/1986
Product: Gasoline
Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Double Walled, Fiberglass reinforced plastic

Piping Type: Pressure

Construction Material: Fiberglass Reinforced plastic

Impressed Device: No

Tank ID:

Tank Status: Currently In Use

Capacity: 9000
Install Date: 01/01/1994
Product: Diesel,Kerosene
Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Double Walled, Fiberglass reinforced plastic

Piping Type: Pressure

Construction Material: Double Walled, Fiberglass Reinforced plastic

Impressed Device: No

Direction Distance

Elevation Site Database(s) EPA ID Number

 13
 TECUMSEH COMPRESSOR COMPANY
 RCRA-TSDF
 1000426324

 South
 100 E PATTERSON ST
 CERC-NFRAP
 MID005049440

1/4-1/2 TECUMSEH, MI 49286 0.360 mi.

CORRACTS RCRA-CESQG FINDS UST US FIN ASSUR **EDR ID Number**

Relative: Higher

1899 ft.

RCRA-TSDF:

Contact:

Contact address:

Actual: Date form received by agency: 09/09/2009 805 ft. Facility name: TECLIMSEI

Facility name: TECUMSEH COMPRESSOR COMPANY

Facility address: 100 E PATTERSON ST

TECUMSEH, MI 49286

EPA ID: MID005049440

Mailing address: 1136 OAK VALLEY DR

ANN ARBOR, MI 48108 DENNIS MCDONNELL 100 E PATTERSON ST

TECUMSEH, MI 49286

Contact country: US

Contact telephone: (517) 423-8545 Contact email: Not reported

EPA Region: 05
Land type: Private
Classification: TSDF

Description: Handler is engaged in the treatment, storage or disposal of hazardous

waste

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

month, and accumulates 1000 kg or less of nazardous waste at any time or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator name: TECUMSEH PRODUCTS COMPANY

Owner/operator address: Not reported Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1926
Owner/Op end date: Not reported

Owner/operator name: KEITH EKLLER
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported

Direction Distance Elevation

vation Site Database(s) EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

EDR ID Number

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/01/2008
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Waste type: Thermostats

Accumulated waste on-site: Yes Generated waste on-site: Yes

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY

Accumulated waste on-site: No Generated waste on-site: Yes

Waste type: CONSUMER ELECTRONICS

Accumulated waste on-site: No Generated waste on-site: Yes

Waste type: MERCURY THERMOMETERS

Accumulated waste on-site: No Generated waste on-site: Yes

Waste type: MERCURY SWITCHES

Accumulated waste on-site: No Generated waste on-site: Yes

Historical Generators:

Date form received by agency: 05/02/2008

Facility name: TECUMSEH COMPRESSOR COMPANY

Classification: Small Quantity Generator

Direction Distance

Elevation Site Database(s) EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

EDR ID Number

Date form received by agency: 03/21/2007

Facility name: TECUMSEH COMPRESSOR COMPANY

Classification: Small Quantity Generator

Date form received by agency: 04/20/2006

Facility name: TECUMSEH COMPRESSOR COMPANY

Classification: Small Quantity Generator

Date form received by agency: 03/01/2006

Facility name: TECUMSEH COMPRESSOR COMPANY

Classification: Small Quantity Generator

Date form received by agency: 11/03/2003

Facility name: TECUMSEH COMPRESSOR COMPANY
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2002

Facility name: TECUMSEH COMPRESSOR COMPANY

Classification: Small Quantity Generator

Date form received by agency: 09/10/2001

Facility name: TECUMSEH COMPRESSOR COMPANY

Classification: Small Quantity Generator

Date form received by agency: 10/29/1999

Facility name: TECUMSEH COMPRESSOR COMPANY

Classification: Small Quantity Generator

Date form received by agency: 01/18/1994

Facility name: TECUMSEH COMPRESSOR COMPANY Site name: TECUMSEH PRODUCTS COMPANY

Classification: Large Quantity Generator

Date form received by agency: 03/23/1992

Facility name: TECUMSEH COMPRESSOR COMPANY Site name: TECUMSEH PRODUCTS CO INC

Classification: Large Quantity Generator

Date form received by agency: 02/27/1990

Facility name: TECUMSEH COMPRESSOR COMPANY Site name: TECUMSEH PRODUCTS CO INC

Classification: Large Quantity Generator

Date form received by agency: 03/17/1981

Facility name: TECUMSEH COMPRESSOR COMPANY

Classification: Small Quantity Generator

Date form received by agency: 08/18/1980

Facility name: TECUMSEH COMPRESSOR COMPANY

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET,

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

EDR ID Number

WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Corrective Action Summary:

Event date: 09/26/1992

Event: Stabilization Measures Evaluation, This facility is not amenable to

stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This

status should be changed when data becomes available.

Event date: 09/29/1992 Event: RFA Completed

Event date: 09/29/1992

Event: CA Prioritization, Facility or area was assigned a low corrective

action priority.

Event date: 03/29/2010 Event: RFI Imposition

Event date: 03/29/2010

Event: RFA Determination Of Need For An RFI, RFI is Necessary;

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Permits - Conditions

Date violation determined: 12/18/2001
Date achieved compliance: 12/16/2002
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 12/18/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 04/22/1987
Date achieved compliance: 09/14/1988
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 04/27/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - General

Direction Distance

Elevation Site Database(s) EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

EDR ID Number

Date violation determined: 03/13/1986
Date achieved compliance: 04/08/1986

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/17/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/18/2001

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: Permits - Conditions

Date achieved compliance: 12/16/2002 Evaluation lead agency: State

Evaluation date: 09/28/1999

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 09/14/1988

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:
Date achieved compliance:
Evaluation lead agency:

Not reported
State

Evaluation date: 04/22/1987

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 09/14/1988 Evaluation lead agency: State

Evaluation date: 03/13/1986

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 04/08/1986 Evaluation lead agency: State

Evaluation date: 02/21/1985

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:
Date achieved compliance:
Evaluation lead agency:
Not reported
Not reported
State

CERC-NFRAP:

Site ID: 0507206

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

Program Priority:

Description: Great Lakes

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

Description: **RCRA Deferral Audit**

RCRA Deferral - Lead Confirmed Description:

CERCLIS-NFRAP Assessment History:

DISCOVERY Action: Not reported Date Started: Date Completed: 04/12/1992 Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT

Date Started: Not reported Date Completed: 03/30/1993

Deferred to RCRA (Subtitle C) Priority Level:

ARCHIVE SITE Action: Date Started: Not reported Date Completed: 12/19/1995 Priority Level: Not reported

CORRACTS:

EPA ID: MID005049440

EPA Region:

Area Name: **ENTIRE FACILITY** Actual Date: 03/29/2010

Action: CA100 - RFI Imposition

NAICS Code(s): 541712 Original schedule date: Not reported Schedule end date: Not reported

EPA ID: MID005049440

EPA Region: 05

Area Name: **ENTIRE FACILITY**

Actual Date: 03/29/2010

Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary

NAICS Code(s): 541712 Original schedule date: Not reported Schedule end date: Not reported

EPA ID: MID005049440

EPA Region:

ENTIRE FACILITY Area Name: Actual Date: 09/26/1992

Action: CA225IN - Stabilization Measures Evaluation, This facility is not,

amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness.

This status should be changed when data becomes available

NAICS Code(s): 541712 Original schedule date: Not reported Schedule end date: Not reported

EPA ID: MID005049440

EPA Region:

ENTIRE FACILITY Area Name:

Map ID MAP FINDINGS
Direction

Distance Elevation S

Site Database(s) EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

EDR ID Number

Actual Date: 09/29/1992

Action: CA050 - RFA Completed

NAICS Code(s): 541712
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID005049440

EPA Region: 05

Area Name: ENTIRE FACILITY

Actual Date: 09/29/1992

Action: CA075LO - CA Prioritization, Facility or area was assigned a low

corrective action priority

NAICS Code(s): 541712
Original schedule date: Not reported
Schedule end date: Not reported

FINDS:

Registry ID: 110000410109

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

Direction Distance

Elevation Site Database(s) EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

EDR ID Number

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

UST:

Facility ID: 00016144
Facility Type: CLOSED
Latitude: 41.99869
Longitude: -83.94471

Owner Name: TECUMSEH PRODUCTS CO
Owner Address: 100 E PATTERSON ST
Owner City,St,Zip: TECUMSEH, MI 49286-2041

Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 423-8411
Contact: TOM CZARTOSKI
Contact Phone: (517) 423-8437
Date of Collection: 01/11/2001
Accuracy: 100

Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 6000
Install Date: 04/28/1966
Product: LUBE OIL
Remove Date: 07/01/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 6000
Install Date: 04/28/1966
Product: LUBE OIL
Remove Date: 07/01/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 3

Tank Status: Removed from Ground

Capacity: 1000 Install Date: 04/28/1968

Distance

Elevation Site Database(s) EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

EDR ID Number

Product: Kerosene
Remove Date: 07/01/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 6000
Install Date: 04/28/1968
Product: LAP OIL
Remove Date: 07/01/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 7500
Install Date: 04/28/1966
Product: Used Oil
Remove Date: 07/01/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 1

Tank Status: Closed in Ground

Capacity: 20000
Install Date: 04/28/1946
Product: FUEL-OIL
Remove Date: 11/27/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel, Lined Interier

Impressed Device: No

Tank ID: 15

Tank Status: Removed from Ground

Capacity: 6000 Install Date: 04/28/1970 Product: LUBE OIL

Direction Distance

Elevation Site Database(s) EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

EDR ID Number

Remove Date: 07/01/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 16

Tank Status: Removed from Ground

Capacity: 6000
Install Date: 04/28/1970
Product: LUBE OIL
Remove Date: 11/27/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 17

Tank Status: Removed from Ground

Capacity: 6000
Install Date: 04/28/1970
Product: LUBE OIL
Remove Date: 11/27/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 18

Tank Status: Removed from Ground

Capacity: 6000
Install Date: 04/28/1970
Product: LUBE OIL
Remove Date: 11/27/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 19

Tank Status: Removed from Ground

Capacity: 6000 Install Date: 04/28/1970

Product: Hazardous Substance

Remove Date: 11/27/1990

Distance Elevation

on Site Database(s) EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

EDR ID Number

Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Bare Steel Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 20

Tank Status: Removed from Ground

Capacity: 6000 Install Date: 04/28/1970

Product: Hazardous Substance

Remove Date: 11/27/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 21

Tank Status: Removed from Ground

Capacity: 6000 Install Date: 04/28/1970

Product: Hazardous Substance

Remove Date: 11/27/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 23

Tank Status: Closed in Ground

Capacity: 20000
Install Date: 04/29/1951
Product: LUBE-OIL
Remove Date: 11/27/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 25

Tank Status: Closed in Ground

Capacity: 6000 Install Date: 04/28/1970

Product: Hazardous Substance

Remove Date: 11/27/1990 Tank Release Detection: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

TECUMSEH COMPRESSOR COMPANY (Continued)

1000426324

Pipe Realease Detection: Not reported Piping Material:
Piping Type:

Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

US FIN ASSUR:

TECUMSEH, MI 49286

EPA ID: MID005049440

Provider: TECUMSEH PRODUCTS COMPANY

EPA region: 5

County: LENAWEE

Mechanism type: FINANCIAL TEST

Mechanism ID: FINANCIAL TEST

 Cost estimate:
 2500000

 Face value:
 2500000

 Effective date:
 3/31/2011

 14
 ROADHOUSE CAFE
 LUST U001147835

 East
 502 E CHICAGO BLVD
 UST N/A

1/4-1/2 0.361 mi. 1904 ft

Relative:

Lower

1904 ft.

LUST:
Facility ID: 00036394

Source: STATE OF MICHIGAN

Actual: Owner Name: Jimmy Carres 792 ft. Owner Address: 199 W Michigan

Owner Address: 199 W Michigan Ave Owner City,St,Zip: Saline, MI 48176-1324

Owner Contact: Not reported
Owner Phone: (734) 429-5673

Country: USA

District: Jackson District Office
Site Name: Road House Cafe

 Latitude:
 42.00401

 Longitude:
 -83.93826

 Date of Collection:
 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-2237-92
Release Date: 12/15/1992
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 01/26/1993

UST:

Facility ID: 00036394
Facility Type: CLOSED
Latitude: 42.00401
Longitude: -83.93826
Owner Name: JIMMY CARRES
Owner Address: 199 W MICHIGAN AVE
Owner City,St,Zip: SALINE, MI 48176-1324

Direction Distance

Elevation Site Database(s) **EPA ID Number**

ROADHOUSE CAFE (Continued)

U001147835

EDR ID Number

Owner Country: USA

Owner Contact: Not reported Owner Phone: (734) 429-5673 Contact: JIMMY CARRES Contact Phone: (734) 429-5673 01/11/2001 Date of Collection: Accuracy: 100 Accuracy Value Unit: FEET

Source: STATE OF MICHIGAN

Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

NAD83

Tank ID:

Horizontal Datum:

Tank Status: Removed from Ground

500 Capacity:

Install Date: Not reported Product: Gasoline 01/11/1993 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Bare Steel.Unknown

Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel, Unknown

Impressed Device: No

Tank ID:

Tank Status: **Removed from Ground**

Capacity: 500

Install Date: Not reported Product: Used Oil Remove Date: 02/11/1993 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Bare Steel, Unknown Piping Type: Not reported

Asphalt Coated or Bare Steel, Unknown Construction Material:

Impressed Device: No

Tank ID:

Removed from Ground Tank Status:

Capacity: 500

Install Date: Not reported Product: Kerosene Remove Date: 02/11/1993 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Bare Steel, Unknown Piping Material: Piping Type: Not reported

Asphalt Coated or Bare Steel, Unknown Construction Material:

Impressed Device: No

Direction Distance

Actual:

791 ft.

EDR ID Number Elevation Site Database(s) **EPA ID Number**

15 HERRICK MEMORIAL HOSPITAL RCRA-SQG 1000361108 **ESE 500 E POTTAWATAMIE ST** FINDS MID144464328

1/4-1/2 TECUMSEH, MI 49286 LUST UST 0.372 mi. 1966 ft. **AIRS**

RCRA-SQG: Relative:

Lower Date form received by agency: 03/30/2011

HERRICK MEMORIAL HOSPITAL Facility name: Facility address: 500 E POTTAWATAMIE ST

TECUMSEH, MI 49286

EPA ID: MID144464328 TAMMY L GERMAN Contact:

Contact address: Not reported

Not reported

Contact country: Not reported Contact telephone: (517) 265-0393 Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

> waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator country:

Owner/operator name: CITY OF TECUMSEH

Owner/operator address: Not reported

> Not reported Not reported

Owner/operator telephone: Not reported Legal status: Municipal Owner/Operator Type: Operator Owner/Op start date: 02/01/1938 Owner/Op end date: Not reported

CITY OF TECUMSEH Owner/operator name:

Owner/operator address: Not reported Not reported

Not reported Owner/operator country: Not reported Owner/operator telephone: Legal status: Municipal Owner/Operator Type: Owner Owner/Op start date: 02/01/1938 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No

Direction Distance

Elevation Site Database(s) EPA ID Number

HERRICK MEMORIAL HOSPITAL (Continued)

1000361108

EDR ID Number

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/13/2009

Facility name: HERRICK MEMORIAL HOSPITAL Classification: Small Quantity Generator

Date form received by agency: 08/15/2008

Facility name: HERRICK MEMORIAL HOSPITAL Classification: Small Quantity Generator

Date form received by agency: 08/15/2002

Facility name: HERRICK MEMORIAL HOSPITAL

Classification: Small Quantity Generator

Date form received by agency: 08/14/1989

Facility name: HERRICK MEMORIAL HOSPITAL

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003613466

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

LUST:

Facility ID: 00015175

Source: STATE OF MICHIGAN
Owner Name: Herrick Memorial Hospital
Owner Address: 500 E Pottawatamie St
Owner City, St, Zip: Tecumseh, MI 49286-2018

Owner Contact: Not reported
Owner Phone: (517) 265-0368

Direction Distance

Elevation Site Database(s) EPA ID Number

HERRICK MEMORIAL HOSPITAL (Continued)

1000361108

EDR ID Number

Country: USA

District: Jackson District Office
Site Name: Herrick Health Center

 Latitude:
 42.00267

 Longitude:
 -83.93824

 Date of Collection:
 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-0837-98
Release Date: 09/08/1998
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 01/28/2000

Leak Number: C-0891-90
Release Date: 05/22/1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 01/28/2000

UST:

 Facility ID:
 00015175

 Facility Type:
 CLOSED

 Latitude:
 42.00267

 Longitude:
 -83.93824

Owner Name: HERRICK MEMORIAL HOSPITAL
Owner Address: 500 E POTTAWATAMIE ST
Owner City,St,Zip: TECUMSEH, MI 49286-2018

Owner Country: USA

Owner Contact: Not reported
Owner Phone: (517) 265-0368
Contact: MR MICHAEL EDGAR
Contact Phone: (517) 265-0368

Date of Collection:

Accuracy:

Accuracy Value Unit:

Horizontal Datum:

01/11/2001

01/11/2001

FEET

NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 500
Install Date: 04/07/1981
Product: Gasoline
Remove Date: 09/01/1998
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Direction Distance

Elevation Site Database(s) EPA ID Number

HERRICK MEMORIAL HOSPITAL (Continued)

1000361108

EDR ID Number

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 500
Install Date: 04/07/1961
Product: Diesel
Remove Date: 09/01/1998
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Closed in Ground

Capacity: 500
Install Date: 04/08/1979
Product: Diesel
Remove Date: 07/09/1998
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 6

Tank Status: Removed from Ground

Capacity: 300
Install Date: 04/07/1986
Product: Diesel
Remove Date: 07/09/1998
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Cathodically Protected

Piping Type: Not reported

Construction Material: Cathodically Protected Steel

Impressed Device: No

AIRS:

1995 El Year: State Registration Number: K2590 Not reported Naics Code: Contact Name: Not reported Contact Phone: Not reported Contact Address: Not reported Contact City, St, Zip: Not reported Permit Number: Not reported Date Received: Not reported State Registration Number: K2590 Country: Not reported Application Reason: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

HERRICK MEMORIAL HOSPITAL (Continued)

1000361108

Record Type: Not reported Not reported State County FIPS: Facility Category: Not reported SIC Primary: 8062 Tribal Code: Not reported Supplemental Location Text: Not reported Dun & Brad Street Number: Not reported HERRICK HOSPITAL **Business Name:**

Principal Product: Not reported Principal Product Description: **HEALTH CARE**

UTM Zone (Geo Coordinates Universal Transverse Mercator System): 17

UTM Horizontal Coord: 256780 **UTM Vertical Coord:** 4653950 Mailing Name: Not reported Mailing Contact Person: Not reported Mailing Street: Not reported Mailing City: Not reported Mailing State: Not reported Mailing Zip: Not reported Mailing Zip 4 Extension: Not reported Compliance Person: MICHAEL EDGAR

Compliance Area Code: 517

Compliance Phone Number: 4232141

Emission Inventory Contact Person: MICHAEL EDGAR

El Contact Area Code: 517 El Contact Phone Number: 4232141

Permit Contact Person: MICHAEL EDGAR

Permit Contact Person Area Code: 517 Permit Contact Person Phone Number: 4232141 Federal Employer Id Number: 386006848 # Of Employees: 452 Reporting Year: 1995 Date Record Was Created: Not reported

16 S105767802 N/A

SSE 223 E PATTERSON ST 1/4-1/2 **TECUMSEH VILLAGE, MI 49286**

0.385 mi. 2034 ft.

Actual:

799 ft.

BEA: Relative:

Secondary Address: Not reported Lower

BEA Number: 366 District: Jackson Date Received: 06/03/2002

> Submitter Name: Tecumseh Trolley Co

Petition Determination: Affirmed Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer:

Division Assigned: **Environmental Response Division**

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

17 **CONSOLIDATED FREIGHTWAYS** LUST U000258343 SE **424 S MAUMEE ST** UST N/A

1/4-1/2 TECUMSEH, MI 49286

0.397 mi. 2095 ft.

LUST: Relative:

00016246 Facility ID: Lower

STATE OF MICHIGAN Source: Actual: Owner Name: Consolidated Freightways 790 ft. Po Box 3010175 Linfield Dr Owner Address: Owner City, St, Zip: Menlo Park, CA 94026-3010

> Owner Contact: Not reported Owner Phone: (650) 326-1700

Country: USA

District: Jackson District Office Site Name: Consolidated Freightways

Latitude: 41.99972 -83.93987 Longitude: Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Leak Number: C-1561-91 07/30/1991 Release Date: Substance Released: Unknown Release Status: Closed Release Closed Date: 03/20/1998

UST:

Facility ID: 00016246 Facility Type: **CLOSED** Latitude: 41.99972 Longitude: -83.93987

CONSOLIDATED FREIGHTWAYS Owner Name: Owner Address: PO BOX 3010175 LINFIELD DR Owner City, St, Zip: MENLO PARK, CA 94026-3010

Owner Country: USA Owner Contact: Not reported (650) 326-1700 Owner Phone: Contact: JOE WATERS Contact Phone: (517) 423-7477 01/11/2001 Date of Collection: Accuracy: 100

Accuracy Value Unit: FEET Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID: D-1

Tank Status: **Removed from Ground**

Capacity: 8000 Install Date: 04/16/1960 Product: Diesel

Direction Distance

Elevation Site Database(s) **EPA ID Number**

CONSOLIDATED FREIGHTWAYS (Continued)

U000258343

EDR ID Number

Remove Date: 07/30/1991 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

Construction Material: Asphalt Coated or Bare Steel

Impressed Device: No

BEA S105767796 18 **ESE**

500 EAST CUMMINS N/A

1/4-1/2 **TECUMSEH TOWNSHIP, MI**

0.429 mi. 2267 ft.

BEA: Relative:

Secondary Address: Not reported Lower

BEA Number: Actual: District: Jackson 788 ft. 08/19/1996 Date Received:

Anne E. Flora & John J. Ryan Submitter Name:

Petition Determination: No Request

Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: massonp

Environmental Response Division Division Assigned:

19 BEA S105767801 NNE **519 N EVANS ST** N/A

TECUMSEH VILLAGE, MI 49286 1/4-1/2

0.468 mi. 2469 ft.

BEA: Relative:

Secondary Address: Not reported Lower

BEA Number: 360 Actual: District: Jackson 793 ft. Date Received: 04/26/2002

> Submitter Name: Gloria Dei Lutheran Church

Petition Determination: No Request

Petition Disclosure: 0

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: katkov

Division Assigned: **Environmental Response Division** Count: 8 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ADDISON	U003211726	TOM KLINE	6421 W USHY 223	49286	LUST, UST
TECUMSEH	S107466618	FORMER BREAD OF LIFE CHRISTIAN CEN	1159 E 50TH HWY MONROE RD	49286	BEA
TECUMSEH	S110126700	519 N EVAN ST	519 N EVAN ST	49286	SHWS
TECUMSEH	1001232615	CITY OF TECUMSEH	EVANS ST OVER RIVER RAISIN	49286	RCRA-NonGen, FINDS
TECUMSEH	1008373520	MI DEPT/TRANSPORTATION	M52 OVER EVANS CREEK	49286	RCRA-CESQG
TECUMSEH	U004181581	05JON	PEARL & CHICAGO		UST
TECUMSEH	1007096774	GREAT LAKES WELDING CO	SUTTON RD & N RAISIN HWY	49286	RCRA-CESQG
TECUMSEH	S103086272	TECUMSEH CITY DUMP	WYANDOTTE AND DIVISION ST	49286	SHWS

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/08/2012 Source: EPA
Date Data Arrived at EDR: 05/10/2012 Telephone: N/A

Number of Days to Update: 5 Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/30/2012 Source: EPA
Date Data Arrived at EDR: 04/05/2012 Telephone: N/A

Number of Days to Update: 40 Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/30/2012 Date Data Arrived at EDR: 04/05/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 40

Source: EPA Telephone: N/A

Last EDR Contact: 07/05/2012

Next Scheduled EDR Contact: 10/22/2012 Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011 Date Data Arrived at EDR: 02/27/2012 Date Made Active in Reports: 03/12/2012

Number of Days to Update: 14

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 07/05/2012

Next Scheduled EDR Contact: 09/10/2012 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realianment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/12/2012

Next Scheduled EDR Contact: 07/23/2012 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011 Date Data Arrived at EDR: 02/27/2012 Date Made Active in Reports: 03/12/2012

Number of Days to Update: 14

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 07/05/2012

Next Scheduled EDR Contact: 09/10/2012 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011 Date Data Arrived at EDR: 08/31/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 132

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/15/2012

Next Scheduled EDR Contact: 08/27/2012 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/15/2012 Date Data Arrived at EDR: 04/04/2012 Date Made Active in Reports: 05/15/2012 Number of Days to Update: 41

04/04/2012 Telephone: 312-886-6186 ts: 05/15/2012 Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Quarterly

Source: Environmental Protection Agency

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012 Date Data Arrived at EDR: 04/04/2012 Date Made Active in Reports: 05/15/2012 Number of Days to Update: 41 Source: Environmental Protection Agency Telephone: 312-886-6186 Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/15/2012 Date Data Arrived at EDR: 04/04/2012 Date Made Active in Reports: 05/15/2012 Number of Days to Update: 41

Source: Environmental Protection Agency Telephone: 312-886-6186 Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012 Date Data Arrived at EDR: 04/04/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 41

Source: Environmental Protection Agency Telephone: 312-886-6186

Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011 Date Data Arrived at EDR: 12/30/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 11

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/11/2012

Next Scheduled EDR Contact: 09/24/2012 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011 Date Data Arrived at EDR: 12/30/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 11

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/11/2012

Next Scheduled EDR Contact: 09/24/2012 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/30/2012 Date Data Arrived at EDR: 05/02/2012 Date Made Active in Reports: 05/23/2012

Number of Days to Update: 21

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 05/02/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/02/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 04/20/2012

Number of Days to Update: 17

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/01/2012 Date Data Arrived at EDR: 05/23/2012 Date Made Active in Reports: 06/27/2012

Number of Days to Update: 35

Source: Department of Natural Resources & Environment

Telephone: 517-373-9837 Last EDR Contact: 05/23/2012

Next Scheduled EDR Contact: 09/03/2012

Data Release Frequency: Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/07/2012 Date Data Arrived at EDR: 02/17/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 88

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 04/23/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012 Date Data Arrived at EDR: 05/09/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 62

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/01/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2012 Date Data Arrived at EDR: 05/08/2012 Date Made Active in Reports: 07/10/2012

Number of Days to Update: 63

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/14/2012 Date Data Arrived at EDR: 02/17/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 88

Source: Environmental Protection Agency Telephone: 415-972-3372

Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 26

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 25

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/01/2012 Date Data Arrived at EDR: 05/23/2012 Date Made Active in Reports: 06/27/2012

Number of Days to Update: 35

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 05/23/2012

Next Scheduled EDR Contact: 09/03/2012 Data Release Frequency: Annually

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 10/24/2011 Date Data Arrived at EDR: 11/23/2011 Date Made Active in Reports: 01/09/2012

Number of Days to Update: 47

Source: Department of Environmental Quality

Telephone: 517-335-7211 Last EDR Contact: 04/23/2012

Next Scheduled EDR Contact: 08/06/2012 Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 03/09/2012 Date Data Arrived at EDR: 03/21/2012 Date Made Active in Reports: 04/27/2012

Number of Days to Update: 37

Source: Department of Natural Resources & Environment

Telephone: 517-373-8168 Last EDR Contact: 06/15/2012

Next Scheduled EDR Contact: 09/03/2012 Data Release Frequency: No Update Planned

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/01/2012 Date Data Arrived at EDR: 02/02/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 103

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011 Date Data Arrived at EDR: 12/15/2011 Date Made Active in Reports: 01/10/2012 Number of Days to Update: 26 Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011 Date Data Arrived at EDR: 11/29/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 42

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 25

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/07/2012 Date Data Arrived at EDR: 02/17/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 88

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/28/2012 Date Data Arrived at EDR: 02/29/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 76

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 34

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 04/23/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 11/01/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 10

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/01/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/10/2012

Next Scheduled EDR Contact: 07/30/2012 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 03/28/2012 Date Data Arrived at EDR: 03/28/2012 Date Made Active in Reports: 04/20/2012

Number of Days to Update: 23

Source: Department of Natural Resources & Environment

Telephone: 517-373-4828 Last EDR Contact: 06/04/2012

Next Scheduled EDR Contact: 09/17/2012 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/17/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 42

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 02/13/2012 Date Data Arrived at EDR: 02/15/2012 Date Made Active in Reports: 03/26/2012

Number of Days to Update: 40

Source: Department of Natural Resources & Environment

Telephone: 517-373-4805 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007 Date Data Arrived at EDR: 04/10/2007 Date Made Active in Reports: 05/01/2007

Number of Days to Update: 21

Source: Economic Development Corporation

Telephone: 888-522-0103 Last EDR Contact: 06/04/2012

Next Scheduled EDR Contact: 09/17/2012 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011 Date Data Arrived at EDR: 06/27/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 06/25/2012

Next Scheduled EDR Contact: 10/08/2012 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/03/2012

Next Scheduled EDR Contact: 10/08/2012

Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 11/24/2009 Date Data Arrived at EDR: 09/30/2010 Date Made Active in Reports: 10/28/2010

Number of Days to Update: 28

Source: Department of Natural Resources & Environment

Telephone: 517-241-5719 Last EDR Contact: 07/05/2012

Next Scheduled EDR Contact: 10/15/2012

Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997 Date Data Arrived at EDR: 02/28/2003 Date Made Active in Reports: 03/06/2003

Number of Days to Update: 6

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 02/28/2003 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 05/07/2012

Next Scheduled EDR Contact: 08/20/2012 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/02/2012 Date Data Arrived at EDR: 03/13/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 93

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 06/04/2012

Next Scheduled EDR Contact: 09/17/2012 Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 05/03/2012 Date Data Arrived at EDR: 05/04/2012 Date Made Active in Reports: 05/23/2012

Number of Days to Update: 19

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 11/21/2008

Number of Days to Update: 3

Source: Department of Community Health

Telephone: 517-373-3740 Last EDR Contact: 05/01/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 10/24/2011 Date Data Arrived at EDR: 11/23/2011 Date Made Active in Reports: 01/09/2012

Number of Days to Update: 47

Source: Department of Environmental Quality

Telephone: 517-335-7211 Last EDR Contact: 04/23/2012

Next Scheduled EDR Contact: 08/06/2012 Data Release Frequency: Annually

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012 Date Data Arrived at EDR: 03/26/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/21/2012

Next Scheduled EDR Contact: 09/03/2012 Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 11/01/2011 Date Data Arrived at EDR: 01/31/2012 Date Made Active in Reports: 02/10/2012

Number of Days to Update: 10

Source: Department of Natural Resources & Environment

Telephone: 517-373-9837 Last EDR Contact: 04/27/2012

Next Scheduled EDR Contact: 08/06/2012 Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012 Date Data Arrived at EDR: 04/03/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: U.S. Department of Transportation Telephone: 202-366-4555

Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Annually

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 02/29/2012 Date Data Arrived at EDR: 04/23/2012 Date Made Active in Reports: 05/23/2012

Number of Days to Update: 30

Source: Department of Natural Resources & Environment

Telephone: 517-373-8427 Last EDR Contact: 06/11/2012

Next Scheduled EDR Contact: 09/24/2012 Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012 Date Data Arrived at EDR: 04/04/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 41

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011 Date Data Arrived at EDR: 08/09/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/08/2012

Next Scheduled EDR Contact: 08/20/2012 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/16/2012

Next Scheduled EDR Contact: 07/30/2012 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 06/11/2012

Next Scheduled EDR Contact: 09/24/2012 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 01/25/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 06/27/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012 Date Data Arrived at EDR: 03/14/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 92

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/13/2012

Next Scheduled EDR Contact: 09/24/2012 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/29/2012

Next Scheduled EDR Contact: 09/10/2012 Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 09/08/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 06/05/2012

Next Scheduled EDR Contact: 09/17/2012 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 09/01/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 131

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/29/2012

Next Scheduled EDR Contact: 09/10/2012 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 06/29/2012

Next Scheduled EDR Contact: 10/08/2012 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 05/23/2012

Next Scheduled EDR Contact: 09/10/2012 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 05/23/2012

Next Scheduled EDR Contact: 09/10/2012 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/30/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 06/21/2012

Next Scheduled EDR Contact: 10/08/2012 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/17/2012

Next Scheduled EDR Contact: 07/30/2012 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 06/11/2012

Next Scheduled EDR Contact: 09/24/2012 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012 Date Data Arrived at EDR: 01/12/2012 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 49

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/11/2012

Next Scheduled EDR Contact: 10/22/2012 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011 Date Data Arrived at EDR: 12/13/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 79

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 06/12/2012

Next Scheduled EDR Contact: 09/24/2012 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008

Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: 09/10/2012 Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 05/16/2012 Date Data Arrived at EDR: 05/16/2012 Date Made Active in Reports: 05/23/2012

Number of Days to Update: 7

Source: Department of Natural Resources & Environment

Telephone: 517-241-1515 Last EDR Contact: 05/15/2012

Next Scheduled EDR Contact: 08/13/2012

Data Release Frequency: Varies

WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 02/28/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 03/28/2011

Number of Days to Update: 27

Source: Department oF Natural Resources & Environment

Telephone: 517-373-9875 Last EDR Contact: 06/18/2012

Next Scheduled EDR Contact: 09/10/2012 Data Release Frequency: Quarterly

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 03/27/2012 Date Data Arrived at EDR: 03/28/2012 Date Made Active in Reports: 04/20/2012

Number of Days to Update: 23

Source: Department of Natural Resources & Environment

Telephone: 517-335-4586 Last EDR Contact: 04/23/2012

Next Scheduled EDR Contact: 08/06/2012 Data Release Frequency: Annually

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 04/09/2012 Date Data Arrived at EDR: 04/09/2012 Date Made Active in Reports: 04/20/2012

Number of Days to Update: 11

Source: Department of Natural Resources & Environment

Telephone: 517-241-1300 Last EDR Contact: 07/11/2012

Next Scheduled EDR Contact: 10/22/2012 Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data Permit and emissions inventory data.

> Date of Government Version: 03/29/2012 Date Data Arrived at EDR: 03/30/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 56

Source: Department of Natural Resources & Environment

Telephone: 517-373-7074 Last EDR Contact: 06/25/2012

Next Scheduled EDR Contact: 10/08/2012 Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 05/25/2012 Date Data Arrived at EDR: 05/29/2012 Date Made Active in Reports: 06/27/2012

Number of Days to Update: 29

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 05/21/2012

Next Scheduled EDR Contact: 09/03/2012 Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater

than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/16/2012

Next Scheduled EDR Contact: 07/30/2012 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas,

Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 04/23/2012

Next Scheduled EDR Contact: 08/06/2012 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 04/21/2011 Date Data Arrived at EDR: 04/21/2011 Date Made Active in Reports: 05/13/2011

Number of Days to Update: 22

Source: Department of Natural Resources & Environment

Telephone: 586-753-3754 Last EDR Contact: 07/05/2012

Next Scheduled EDR Contact: 10/22/2012 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/16/2012

Next Scheduled EDR Contact: 07/30/2012

Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/04/2012

Next Scheduled EDR Contact: 08/13/2012 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/12/2012

Next Scheduled EDR Contact: 09/24/2012 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 04/16/2012

Next Scheduled EDR Contact: 07/30/2012 Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Date Data Arrived at EDR: 05/18/2012 Date Made Active in Reports: 05/25/2012

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/18/2012

Next Scheduled EDR Contact: 08/27/2012 Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 02/27/2012 Date Data Arrived at EDR: 04/04/2012 Date Made Active in Reports: 05/15/2012

Number of Days to Update: 41

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/15/2012 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 03/31/2012 Date Data Arrived at EDR: 05/17/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 28

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/15/2012

Next Scheduled EDR Contact: 08/27/2012 Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/24/2012 Date Data Arrived at EDR: 06/05/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 9

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 05/21/2012

Next Scheduled EDR Contact: 09/03/2012 Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/17/2012 Date Data Arrived at EDR: 01/18/2012 Date Made Active in Reports: 02/10/2012

Number of Days to Update: 23

Source: Department of Natural Resources & Environment

Telephone: 517-335-6610 Last EDR Contact: 07/05/2012

Next Scheduled EDR Contact: 10/22/2012 Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/05/2011 Date Data Arrived at EDR: 01/07/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 38

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 06/27/2012

Next Scheduled EDR Contact: 10/15/2012

Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR. Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/21/2012 Date Data Arrived at EDR: 05/22/2012 Date Made Active in Reports: 05/31/2012

Number of Days to Update: 9

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/22/2012

Next Scheduled EDR Contact: 09/03/2012 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 07/20/2011 Date Made Active in Reports: 08/11/2011

Number of Days to Update: 22

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/17/2012

Next Scheduled EDR Contact: 07/30/2012 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 05/01/2012 Date Data Arrived at EDR: 05/09/2012 Date Made Active in Reports: 06/14/2012

Number of Days to Update: 36

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/09/2012

Next Scheduled EDR Contact: 08/20/2012 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 04/27/2012 Date Made Active in Reports: 06/05/2012

Number of Days to Update: 39

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/23/2012

Next Scheduled EDR Contact: 08/06/2012 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 06/24/2011 Date Made Active in Reports: 06/30/2011

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 02/27/2012

Next Scheduled EDR Contact: 06/11/2012 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/15/2011

Number of Days to Update: 27

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 07/02/2012

Next Scheduled EDR Contact: 10/01/2012 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources

Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CARPET ON WHEELS 115 AND 119 WEST CHICAGO BOULEVARD TECUMSEH, MI 49286

TARGET PROPERTY COORDINATES

Latitude (North): 42.0041 - 42° 0' 14.76" Longitude (West): 83.9454 - 83° 56' 43.44"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 256066.5 UTM Y (Meters): 4654215.5

Elevation: 805 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 42083-A8 TECUMSEH NORTH, MI

Most Recent Revision: 1975

South Map: 41083-H8 TECUMSEH SOUTH, MI

Most Recent Revision: 1972

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

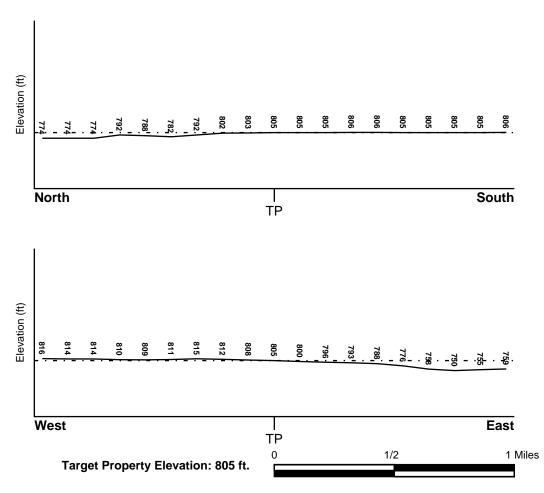
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood Target Property County Electronic Data

LENAWEE, MI Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic NWI Quad at Target Property Data Coverage

TECUMSEH NORTH YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

> **LOCATION GENERAL DIRECTION** GROUNDWATER FLOW MAP ID FROM TP

0 - 1/8 Mile East Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

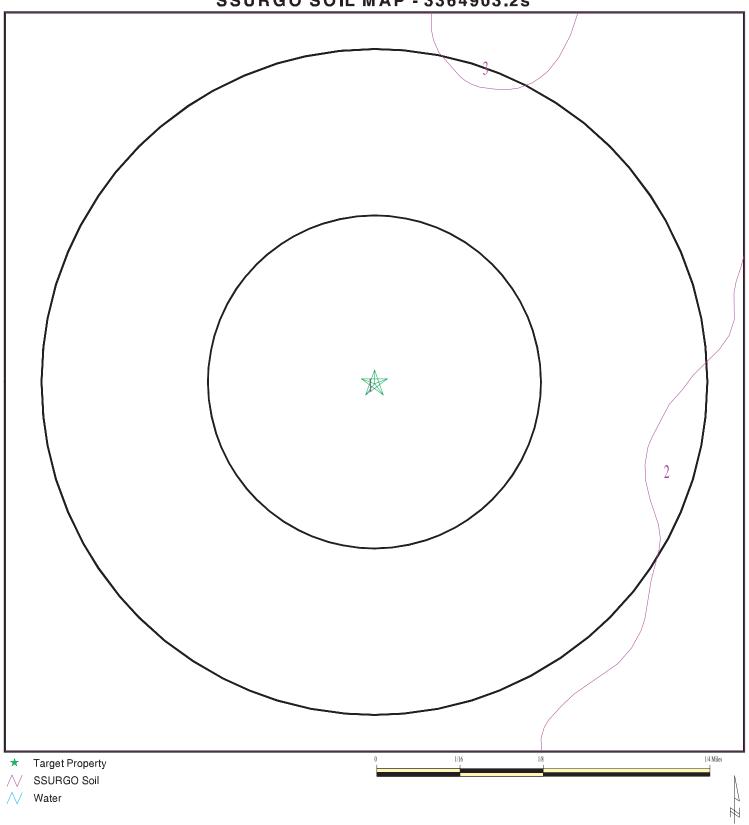
Era: Paleozoic Category: Stratified Sequence

System: Mississippian

Series: Osagean and Kinderhookian Series
Code: M1 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3364903.2s



SITE NAME: Carpet on Wheels ADDRESS: 115 and 119 West Chicago Boulevard Tecumseh MI 49286

LAT/LONG: 42.0041 / 83.9454 CLIENT: Soil & Materials Engineers
CONTACT: Rhonda Miller
INQUIRY #: 3364903.2s

DATE: July 11, 2012 6:46 pm

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Fox

Soil Surface Texture: gravelly loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	ındary		Classi	fication	Saturated hydraulic	Oon Roadion
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	14 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
2	14 inches	27 inches	very gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4
3	27 inches	31 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4

	Soil Layer Information						
	Bou	ndary		Classification Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec (pH)	
4	31 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Brady

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

			Soil Layer	Information			
Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec (pH)	Soil Reaction (pH)
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

	Soil Layer Information						
	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	1 1 11 11	0011 1104011011
2	7 inches	35 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 6.6
3	35 inches	59 inches	gravelly sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: Genesee

Soil Surface Texture: loam

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures. Hydrologic Group:

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

	Soil Layer Information						
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	7 inches	35 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	35 inches	59 inches	stratified loamy very fine sand to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

 MAP ID
 WELL ID
 FROM TP

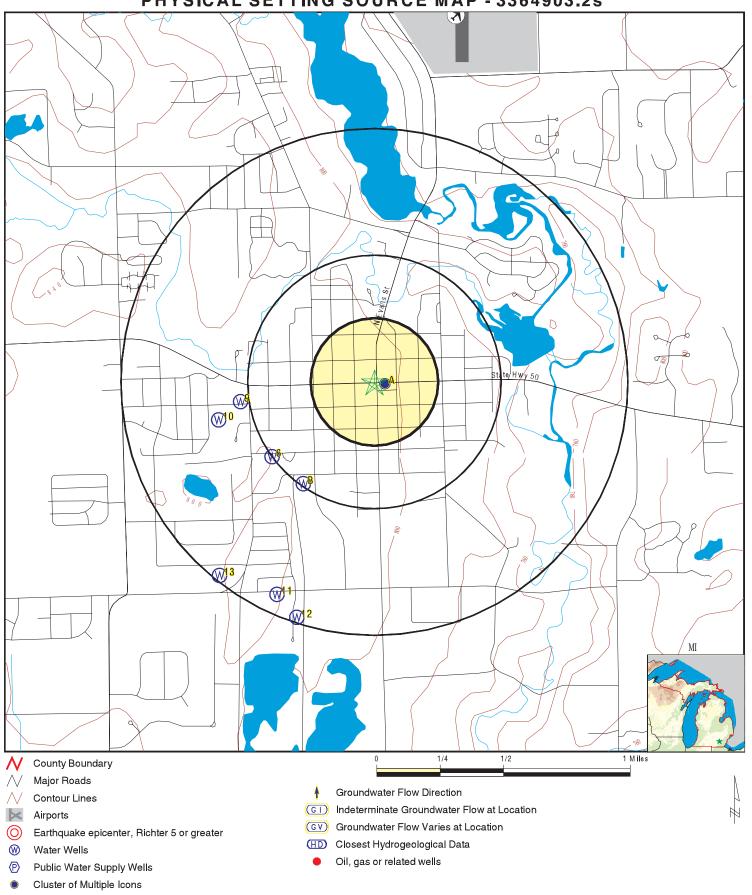
 A1
 MI0002670
 0 - 1/8 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B3	MI30000000022075	1/4 - 1/2 Mile SW
B4	MI300000022047	1/4 - 1/2 Mile SW
B5	MI300000022018	1/4 - 1/2 Mile SSW
6	MI300000022155	1/4 - 1/2 Mile SW
B7	MI300000021997	1/2 - 1 Mile SW
B8	MI300000021996	1/2 - 1 Mile SSW
9	MI300000022412	1/2 - 1 Mile West
10	MI300000022355	1/2 - 1 Mile WSW
11	MI300000021666	1/2 - 1 Mile SSW
12	MI300000021569	1/2 - 1 Mile SSW
13	MI300000021732	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 3364903.2s



SITE NAME: Carpet on Wheels ADDRESS: 115 and 119 West Chicago Boulevard

Tecumseh MI 49286 LAT/LONG: 42 0041 / 83 9454

CLIENT: Soil & Material CONTACT: Rhonda Miller Soil & Materials Engineers

INQUIRY#: 3364903.2s

DATE: July 11, 2012 6:46 pm

Map ID Direction Distance

Elevation Database EDR ID Number

A1 ESE **FRDS PWS** MI0002670

0 - 1/8 Mile Lower

> PWS ID: MI0002670

Date Initiated: 7706 Date Deactivated: Not Reported

GMC INLAND DIVISION-TECUMSEH PWS Name:

1550 OCCIDENTAL HIGHWAY

TECUMSEH, MI 49286

Addressee / Facility: Not Reported

42 00 14 Facility Latitude: Facility Longitude: 083 56 42

City Served: Not Reported Treatment Class: Untreated 00001000 Population:

Violations information not reported.

5-002091 Α2 Site ID: **AQUIFLOW** 34512 **East** Not Reported Groundwater Flow:

0 - 1/8 Mile Shallowest Water Table Depth: Not Reported Lower

Deepest Water Table Depth: Not Reported

Average Water Table Depth:

01/28/1993 Date:

MI WELLS MI300000022075

1/4 - 1/2 Mile Higher

> Wellid: 46000000083 Import id: 46757433301 County: Lenawee Township: Tecumseh 05S 04E Town range: Section: 33

CITY OF TECUMSEH Owner name:

TECUMSEH WELL #8 Well addr: Well depth:

Well type:

Type I public 6560 Wssn:

TECUMSEH WELL #8 Well num: Driller id:

1962-09-28 00:00:00.000 Unknown Const date: Case type:

Case dia: 16 Case depth: 72 Screen frm: 0 Screen to: 0 49 Swl: Test depth: 59 Test hours: 1 Test rate: 1725

Test methd: Unknown Grouted: Pmp cpcity: 726 1

Latitude: 41.998849 Longitude: -83.95083

Methd coll: Elevation:	GPS Code Meas. Std. Positionin	g Svc. SA Off	
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	Dopar nag.	Hot Hoponou
Swl flag:	Not Reported		
Elev dem:	817	Elev dif:	2
Elev miv:	819	Aq code:	Drift Well
Aq flag:	Not Reported	7.q 0000.	Dille Woll
Pct aq:	96		
Pct aq d:	96	Pct aq r:	0
Pct mag:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	4	Pct pcm d:	4
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Ť
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	85
Pct mag 1:	0	Pct cm 1:	0
Pct pcm 1:	15	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	100	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct mag 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct mag 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct mag 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct mag 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
•			

Within sec: Y Loc match: Y

Aq code 1: Not Reported Hit swl: Not Reported

 Athk2:
 0

 Horiz Conduct:
 0

 Vert Conduct:
 0

 T2:
 0

 D50plek:
 0

B4 SW MI WELLS MI300000022047

1/4 - 1/2 Mile Higher

 Wellid:
 4600000086
 Import id:
 46757433304

 County:
 Lenawee
 Township:
 Tecumseh

 Town range:
 05S 04E
 Section:
 33

Owner name: CITY OF TECUMSEH
Well addr: TECUMSEH WELL #11

Well depth: 77

Well type: Type I public Wssn: 6560

Well num: TECUMSEH WELL #11 Driller id: 0

Const date: 1964-04-13 00:00:00.000 Case type: Unknown

 Case dia:
 12

 Case depth:
 67

 Screen frm:
 0

 Screen to:
 0

 Swl:
 48.5

 Test depth:
 0

 Test hours:
 0

Test rate: 0 Test methd: Unknown Grouted: 1 Pmp opcity: 390

 Latitude:
 41.9986309754

 Longitude:
 -83.9507754619

 Methd coll:
 Interpolation-Map

Elevation: 819

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported

Swl flag: Not Reported

Elev dem: 817 Elev dif: 2

Elev miv: 819 Aq code: Drift Well

Pct aq r:

Pct cm:

Pct cm r:

Pct pcm d:

Pct maq d:

Aq flag: Not Reported

Pct aq: 99 Pct aq d: 99 Pct maq: 0 Pct maq r: 0 0 Pct cm d: Pct pcm: 1 0 Pct pcm r: Pct na d: 0 Pct flag: Not Reported

0 Pct na: Pct na r: 0 Rock top: -1 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: 0

0

0

0

0

1

A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	95
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	5	Pct na 1:	0
Pct aq 2:	100	Pct mag 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct mag 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct mag 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct mag 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct mag 7:	0	Pct cm 7:	0
•	0	Pct na 7:	0
Pct pcm 7:	0	_ **	0
Pct aq 8:		Pct maq 8:	
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		
-			

B5 SSW 1/4 - 1/2 Mile Higher

MI WELLS MI300000022018

Wellid: 46000000085 46757433303 Import id: County: Lenawee Township: Tecumseh Town range: 05S 04E Section: 33 CITY OF TECUMSEH Owner name: TECUMSEH WELL #10 Well addr: Well depth: Well type: Type I public Wssn: 6560 TECUMSEH WELL #10 0 Well num: Driller id: 1964-04-13 00:00:00.000 Unknown Const date: Case type: Case dia: 12 Case depth: 67 Screen frm: 0 Screen to: 0 48.5 Swl: Test depth: 0 Test hours: 0 Test methd: Unknown Test rate: 0 Grouted: Pmp cpcity: 400 41.998157 Latitude: Longitude: -83.950664 Methd coll: GPS Code Meas. Std. Positioning Svc. SA Off Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported Elev dem: 817 Elev dif: Drift Well 818 Elev miv: Aq code: Aq flag: Not Reported Pct aq: 99 Pct aq d: 99 Pct ag r: 0 Pct maq: 0 Pct maq d: 0 0 0 Pct maq r: Pct cm: 0 0 Pct cm d: Pct cm r: Pct pcm: 1 Pct pcm d: 1 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Pct flag: Not Reported Rock top: -1 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: 0 A pct pcm2: 0 A pct maq2: A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: Т A hit rock: A sc lith1: Not Reported Not Reported Not Reported A sc Imod1: A sc Imaq1: A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported 0 95 A sc lpct2: Pct aq 1: 0 0 Pct maq 1: Pct cm 1: 0 Pct pcm 1: 5 Pct na 1: Pct aq 2: 100 Pct maq 2: 0 Pct cm 2: 0 Pct pcm 2: 0 Pct na 2: 0 Pct aq 3: 100 Pct cm 3: Pct maq 3: 0 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 0 0 Pct cm 4: Pct pcm 4: 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 Pct na 5: Pct pcm 5: 0

Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		

6 SW MI WELLS MI300000022155 1/4 - 1/2 Mile

Import id:

Township:

Section:

Driller id:

Case type:

Wellid: 46000003206 County: Lenawee Town range: 05S 04E Owner name: JEFF HALL Well addr: 5300 M-50 Well depth: 82 Well type: Household Wssn: 0

Horiz Conduct: Vert Conduct:

D50plek:

Lower

Well num: Not Reported

Const date: 1990-05-04 00:00:00.000

0

0

0

Case dia: 5
Case depth: 74
Screen frm: 74
Screen to: 82
Swl: 28
Test depth: 40
Test hours: 2
Test rate: 9

Test rate: 9 Test methd: Unknown Grouted: 1 Pmp cpcity: 9

Latitude: 41.9998268 Longitude: -83.95323314 city: 9

Not Reported

Tecumseh

33

551

PVC Plastic

Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Swl flag: Not Reported 820 Elev dem: 820 Elev dif: Elev miv: 820 Aq code: Drift Well Aq flag: Not Reported 26 Pct aq: 0 26 Pct aq r: Pct aq d: 0 Pct maq d: 0 Pct maq: Pct mag r: 0 Pct cm: 74 Pct cm d: 74 Pct cm r: 0 0 Pct pcm: 0 Pct pcm d: Pct pcm r: 0 Pct na: 0 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: -1 D r type: Not Reported 0 Spc cpcity: A thicknes: 21 A pct aq: 100 A pct mag: 0 A pct pcm: 0 A pct cm: 0 0 A pct na: A thickns2: 54 A pct aq2: 39 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 61 A pct na2: F A hit swl: F A hit top: A hit rock: F A sc lith1: Sand A sc Imod1: Coarse A sc Imaq1: AQ 100 Not Reported A sc lpct1: A sc lith2: A sc Imod2: Not Reported A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 100 Pct pcm 1: 0 Pct na 1: 0 0 0 Pct aq 2: Pct maq 2: Pct cm 2: 100 Pct pcm 2: 0 Pct na 2: 0 Pct aq 3: 0 Pct maq 3: 0 Pct cm 3: 100 Pct na 3: 0 Pct pcm 3: 0 Pct maq 4: 0 Pct aq 4: 95 Pct cm 4: 5 Pct pcm 4: 0 Pct na 4: 0 Pct aq 5: 0 Pct maq 5: 0 Pct cm 5: 0 0 0 Pct na 5: Pct pcm 5: 0 Pct maq 6: 0 Pct aq 6: Pct cm 6: 0 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct maq 8: Pct aq 8: 0 0 0 Pct cm 8: 0 Pct pcm 8: Pct na 8: 0 Pct aq 9: 0 0 Pct cm 9: 0 Pct maq 9: 0 0 Pct pcm 9: Pct na 9: 0 Pct aq 10: 0 Pct mag 10: Pct cm 10: 0 Pct pcm 10: 0 Pct na 10: 0 Pct aq 11: 0 Pct maq 11: 0 Pct cm 11: 0 Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 Pct mag 12: 0 Pct cm 12: 0 Pct pcm 12: 0 0 0 Pct na 12: Pct aq 13: Pct maq 13: 0 0 Pct cm 13: Pct na 13: Pct pcm 13: 0 0

Within sec: Y Loc match: Y

 Aq code 1:
 D

 Hit swl:
 F

 Athk2:
 54

 Horiz Conduct:
 58.33339

 Vert Conduct:
 .00016

 T2:
 3150.0033

 D50plek:
 278.897

B7 SW MI WELLS MI300000021997

1/2 - 1 Mile Higher

 Wellid:
 4600000084
 Import id:
 46757433302

 County:
 Lenawee
 Township:
 Tecumseh

 Town range:
 05S 04E
 Section:
 33

Owner name: CITY OF TECUMSEH Well addr: TECUMSEH WELL #9

Well depth: 79.5
Well type: Type I public
Wssn: 6560

Well num: TECUMSEH WELL #9 Driller id: 0

Const date: 1962-10-09 00:00:00.000 Case type: Unknown

 Case dia:
 18

 Case depth:
 70

 Screen frm:
 0

 Screen to:
 0

 Swl:
 50.5

 Test depth:
 63

 Test hours:
 1

Test rate: 1750 Test methd: Unknown Grouted: 1 Pmp opcity: 800

Latitude: 41.997895 Longitude: -83.95096

Methd coll: GPS Code Meas. Std. Positioning Svc. SA Off

Elevation: 819

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported

Swl flag: Not Reported

Elev dem: 817 Elev dif: 2

Elev miv: 819 Aq code: Drift Well

Pct aq r:

Pct cm:

Pct cm r:

Pct pcm d:

Pct maq d:

Aq flag: Not Reported

Pct aq: 100 Pct aq d: 100 Pct maq: 0 Pct mag r: 0 Pct cm d: 0 Pct pcm: 0 0 Pct pcm r: Pct na d: 0

0 Pct na: Pct na r: 0 Pct flag: Not Reported Rock top: -1 D r type: Not Reported 0 Spc cpcity: A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: 0

0

0

0

0

0

A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct mag 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct mag 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct mag 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct mag 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct mag 7:	0	Pct cm 7:	0
•	0	Pct na 7:	0
Pct pcm 7:	0	_ **	0
Pct aq 8:		Pct maq 8:	
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		
-			

B8 SSW 1/2 - 1 Mile Higher

MI WELLS MI300000021996

Wellid: 46000000087 46757433305 Import id: County: Lenawee Township: Tecumseh Town range: 05S 04E Section: 33 CITY OF TECUMSEH Owner name: TECUMSEH WELL #3 Well addr: Well depth: Well type: Type I public Wssn: 6560 TECUMSEH WELL #3 0 Well num: Driller id: 1941-06-28 00:00:00.000 Unknown Const date: Case type: Case dia: 14 Case depth: 63 Screen frm: 0 Screen to: 0 40 Swl: 58 Test depth: Test hours: 1200 Test methd: Unknown Test rate: Grouted: 0 Pmp cpcity: 475 Latitude: 41.99789 Longitude: -83.950959 Methd coll: GPS Code Meas. Std. Positioning Svc. SA Off Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported 2 Elev dem: 817 Elev dif: Drift Well 819 Elev miv: Aq code: Aq flag: Not Reported Pct aq: 96 Pct aq d: 96 Pct ag r: 0 Pct maq: 0 Pct maq d: 0 0 0 Pct maq r: Pct cm: 0 0 Pct cm d: Pct cm r: Pct pcm: 0 Pct pcm d: 0 Pct pcm r: 0 Pct na: 4 0 Pct na d: Pct na r: Pct flag: Not Reported Rock top: -1 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: 0 A pct pcm2: 0 A pct maq2: A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: Т A hit rock: A sc lith1: Not Reported Not Reported Not Reported A sc Imod1: A sc Imaq1: A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported 0 A sc lpct2: Pct aq 1: 85 0 0 Pct maq 1: Pct cm 1: Pct pcm 1: 0 Pct na 1: 15 Pct aq 2: 100 Pct maq 2: 0 Pct cm 2: 0 Pct pcm 2: 0 Pct na 2: 0 Pct aq 3: 100 Pct cm 3: 0 Pct maq 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 100 Pct maq 4: 0 0 Pct cm 4: 0 Pct pcm 4: 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 Pct na 5: Pct pcm 5: 0

Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		

West 1/2 - 1 Mile MI WELLS MI300000022412

Import id:

Township:

Section:

Driller id:

Case type:

Wellid: 46000003208 County: Lenawee Town range: 05S 04E Owner name: SCOTT RILEY Well addr: Not Reported Well depth: 81 Well type: Household Wssn: 0

Well num: Not Reported

Const date: 1995-10-04 00:00:00.000

0

0 0

0

Horiz Conduct: Vert Conduct:

D50plek:

Higher

Case dia: 73 Case depth: 73 Screen frm: Screen to: 81 Swl: 30 Test depth: 70 2 Test hours: Test rate: 8

Longitude:

Test methd: Test Pump

Grouted: Pmp cpcity: 1 42.0029765 Latitude:

-83.95564788

Not Reported

Tecumseh

33

2039

PVC Plastic

Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Swl flag: Not Reported 813 Elev dem: 813 Elev dif: Elev miv: 813 Aq code: Drift Well Aq flag: Not Reported 47 Pct aq: 0 47 Pct aq r: Pct aq d: 0 Pct maq: 0 Pct maq d: Pct mag r: 0 Pct cm: 25 Pct cm d: 25 Pct cm r: 0 Pct pcm: 28 Pct pcm d: 28 Pct pcm r: 0 Pct na: 0 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: -1 D r type: Not Reported .100000001490116 Spc cpcity: A thicknes: 8 A pct aq: 100 A pct mag: 0 A pct pcm: 0 A pct cm: 0 0 A pct na: A thickns2: 51 A pct aq2: 16 A pct maq2: 0 A pct pcm2: 45 A pct cm2: 39 0 A pct na2: F A hit swl: F A hit top: A hit rock: A sc lith1: Sand A sc Imod1: Not Reported A sc Imaq1: AQ Not Reported A sc lpct1: 100 A sc lith2: A sc Imod2: Not Reported A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 100 Pct mag 1: 0 Pct cm 1: 0 0 Pct pcm 1: 0 Pct na 1: 50 0 Pct aq 2: Pct maq 2: Pct cm 2: 0 Pct pcm 2: 50 Pct na 2: 0 Pct aq 3: 0 Pct maq 3: 0 Pct cm 3: 100 Pct na 3: 0 Pct pcm 3: 0 Pct maq 4: 0 Pct aq 4: 35 Pct cm 4: 0 Pct pcm 4: 65 Pct na 4: 0 Pct aq 5: 0 Pct maq 5: 0 Pct cm 5: 0 0 0 Pct na 5: Pct pcm 5: 0 Pct maq 6: 0 Pct aq 6: Pct cm 6: 0 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct maq 8: Pct aq 8: 0 0 0 Pct cm 8: 0 Pct pcm 8: Pct na 8: 0 Pct aq 9: 0 0 Pct cm 9: 0 Pct maq 9: 0 0 Pct pcm 9: Pct na 9: 0 Pct aq 10: 0 Pct mag 10: Pct cm 10: 0 Pct pcm 10: 0 Pct na 10: 0 Pct aq 11: 0 Pct maq 11: 0 Pct cm 11: 0 Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 Pct mag 12: 0 Pct cm 12: 0 Pct pcm 12: 0 0 0 Pct na 12: Pct aq 13: Pct maq 13: 0 0 Pct cm 13: Pct na 13: Pct pcm 13: 0 0

Within sec: Y Loc match: Y

 Aq code 1:
 D

 Hit swl:
 F

 Athk2:
 51

 Horiz Conduct:
 16.13729

 Vert Conduct:
 .00025

 T2:
 823.002

 D50plek:
 73.79474

10 WSW MI WELLS MI300000022355 1/2 - 1 Mile

Higher

Wellid:4600003205Import id:Not ReportedCounty:LenaweeTownship:TecumsehTown range:05S 04ESection:33

Owner name: STERLING DEVELOPMENT CO

Well addr: Not Reported

Well depth: 161
Well type: Household
Wssn: 0

Well num: Not Reported Driller id: 551

 Case dia:
 5

 Case depth:
 153

 Screen frm:
 153

 Screen to:
 161

 Swl:
 25

 Test depth:
 65

 Test hours:
 2

Test rate: 15 Test methd: Unknown Grouted: 1 Pmp opcity: 10

Latitude: 42.00193379
Longitude: -83.95732703
Methd coll: Interpolation-Map

Elevation:

Elev methd: DEM30M Depth flag: Not Reported

Elev flag: Elevation < DEMmin or Elevation > DEMmax

Swl flag: Not Reported

 Elev dem:
 807
 Elev dif:
 807

 Elev miv:
 807
 Aq code:
 Drift Well

Pct aq r:

Pct cm:

Pct cm r:

Pct maq d:

Aq flag: Not Reported

Pct aq: 19 Pct aq d: 19 Pct maq: 0 Pct mag r: 0 50 Pct cm d: Pct pcm: 32 0 Pct pcm r: Pct na d: 0

Pct pcm d: 32 0 Pct na: 0 Pct na r: Pct flag: Not Reported Rock top: -1 D r type: Not Reported 0 Spc cpcity: A thicknes: 9 A pct aq: 100 0 A pct maq: A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 136 A pct aq2: 14

0

0

50

0

F Sand AQ

Not Reported Not Reported

A pct maq2:	0	A pct pcm2:
A pct cm2:	49	A pct na2:
A hit swl:	F	A hit top:
A hit rock:	F	A sc lith1:
A sc Imod1:	Not Reported	A sc Imaq1:
A sc lpct1:	100	A sc lith2:
A sc Imod2:	Not Reported	A sc Imag2:
A sc lpct2:	0	Pct aq 1:
Pct maq 1:	0	Pct cm 1:
Pct pcm 1:	0	Pct na 1:
Pct aq 2:	75	Pct mag 2:
Pct cm 2:	0	Pct pcm 2:
Pct na 2:	0	Pct aq 3:
Pct maq 3:	0	Pct cm 3:
Pct pcm 3:	100	Pct na 3:
Pct aq 4:	0	Pct maq 4:
Pct cm 4:	50	Pct pcm 4:
Pct na 4:	0	Pct aq 5:
Pct maq 5:	0	Pct cm 5:
Pct pcm 5:	80	Pct na 5:
Pct aq 6:	0	Pct maq 6:
Pct cm 6:	100	Pct pcm 6:
Pct na 6:	0	Pct aq 7:
Pct maq 7:	0	Pct cm 7:
Pct pcm 7:	0	Pct na 7:
Pct ag 8:	0	Pct mag 8:
Pct cm 8:	0	Pct pcm 8:
Pct na 8:	0	Pct aq 9:
Pct maq 9:	0	Pct cm 9:
Pct pcm 9:	0	Pct na 9:
Pct ag 10:	0	Pct mag 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct mag 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
•		
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Y	Loc match:
Aq code 1:	D	
Hit swl:	F	
Athk2:	136	
Horiz Conduct:	14.34564	
Vert Conduct:	.00021	
T2:	1951.0066	
D50plek:	445.77493	
-		

11 SSW MI WELLS MI300000021666 1/2 - 1 Mile Higher

Wellid: 46000002069 Not Reported Import id: County: Lenawee Township: Raisin Town range: 06S 04E Section: 4 MIKE FOWLER Owner name: **RUSSELL ROAD** Well addr: Well depth: 73 Well type: Household Wssn: Not Reported Well num: Driller id: 2039 **PVC Plastic** 2002-10-30 00:00:00.000 Const date: Case type: Case dia: 5 Case depth: 67 Screen frm: 67 Screen to: 73 10 Swl: 20 Test depth: Test hours: 2 20 Test methd: Air Test rate: 20 Grouted: Pmp cpcity: 41.99195608 Latitude: Longitude: -83.95285908 Methd coll: Interpolation-Map Elevation: DEM30M Elev methd: Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Swl flag: Not Reported 820 Elev dem: 820 Elev dif: 820 Drift Well Elev miv: Aq code: Aq flag: Not Reported Pct aq: 81 Pct aq d: 81 Pct ag r: 0 Pct maq: 0 Pct maq d: 0 0 Pct maq r: Pct cm: 19 19 0 Pct cm d: Pct cm r: Pct pcm: 0 Pct pcm d: 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: 0 Pct na r: Rock top: Pct flag: Not Reported -1 0 D r type: Not Reported Spc cpcity: A thicknes: 8 A pct aq: 100 A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: 63 78 A thickns2: A pct aq2: A pct pcm2: A pct maq2: 0 0 A pct cm2: 22 A pct na2: 0 A hit swl: F A hit top: F F Sand A hit rock: A sc lith1: A sc Imod1: Not Reported A sc Imaq1: AQ A sc lpct1: 100 A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported 0 A sc lpct2: Pct aq 1: 100 0 0 Pct maq 1: Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: Pct aq 2: 100 Pct maq 2: 0 Pct cm 2: 0 Pct pcm 2: 0 Pct na 2: 0 Pct aq 3: 55 0 Pct cm 3: Pct maq 3: 45 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 0 Pct cm 4: 0 Pct pcm 4: 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 Pct na 5: Pct pcm 5: 0

Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	D
Hit swl:	F
Athk2:	63
Horiz Conduct:	77.7778
Vert Conduct:	.00045
T2:	4900.0014
D50plek:	495.15621

Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct mag 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

12 SSW 1/2 - 1 Mile Higher

Wellid:

County: Lenawee
Town range: 06S 04E
Owner name: PAUL HUGHES
Well addr: 6865 CLOSE DR
Well depth: 71
Well type: Household
Wssn: 0

Well num: Not Reported
Const date: 2001-09-25 00:00:00.000

46000001485

Case dia: 67 Case depth: 67 Screen frm: Screen to: 71 Swl: 15 Test depth: 30 Test hours: 2 Test rate: 15 Grouted: 1

Latitude: 41.99064776 Longitude: -83.9513374 Import id:

Township:
Section:

Not Reported
Raisin
4

Driller id:

Case type:

Test methd: Air Pmp cpcity: 10

MI WELLS

2039

PVC Plastic

MI300000021569

Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Swl flag: Not Reported 813 Elev dem: 813 Elev dif: Elev miv: 813 Aq code: Drift Well Aq flag: Not Reported 72 Pct aq: 0 72 Pct aq r: Pct aq d: Pct maq d: 0 Pct maq: 0 Pct mag r: 0 Pct cm: 28 Pct cm d: 28 Pct cm r: 0 0 Pct pcm: 0 Pct pcm d: 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: -1 D r type: Not Reported 0 Spc cpcity: A thicknes: 21 A pct aq: 100 A pct mag: 0 A pct pcm: 0 A pct cm: 0 0 A pct na: A thickns2: 56 A pct aq2: 64 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 36 A pct na2: F A hit swl: F A hit top: A hit rock: A sc lith1: Sand A sc Imod1: Not Reported A sc Imaq1: AQ Not Reported A sc lpct1: 100 A sc lith2: A sc Imod2: Not Reported A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 100 Pct mag 1: 0 Pct cm 1: 0 0 Pct pcm 1: 0 Pct na 1: 50 0 Pct aq 2: Pct maq 2: Pct cm 2: 50 Pct pcm 2: 0 Pct na 2: 0 Pct aq 3: 50 Pct maq 3: 0 Pct cm 3: 50 Pct na 3: 0 Pct pcm 3: 0 Pct maq 4: 0 Pct aq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 Pct na 4: 0 Pct aq 5: 0 Pct maq 5: 0 Pct cm 5: 0 0 0 Pct na 5: Pct pcm 5: 0 Pct maq 6: 0 Pct aq 6: Pct cm 6: 0 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct maq 8: Pct aq 8: 0 0 0 Pct cm 8: 0 Pct pcm 8: Pct na 8: 0 Pct aq 9: 0 0 Pct cm 9: 0 Pct maq 9: 0 0 Pct pcm 9: Pct na 9: 0 Pct aq 10: 0 Pct mag 10: Pct cm 10: 0 Pct pcm 10: 0 Pct na 10: 0 Pct aq 11: 0 Pct maq 11: 0 Pct cm 11: 0 Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 Pct mag 12: 0 Pct cm 12: 0 Pct pcm 12: 0 0 0 Pct na 12: Pct aq 13: Pct maq 13: 0 0 Pct cm 13: Pct na 13: Pct pcm 13: 0 0

Within sec: Y Loc match: Y

 Aq code 1:
 D

 Hit swl:
 F

 Athk2:
 56

 Horiz Conduct:
 64.28575

 Vert Conduct:
 .00028

 T2:
 3600.002

 D50plek:
 328.34201

13 SW MI WELLS MI300000021732

1/2 - 1 Mile Higher

Wellid:4600003207Import id:Not ReportedCounty:LenaweeTownship:TecumsehTown range:05S 04ESection:33

Owner name: QUICK CHANGE OF TECUMSEH

Well addr: 3349 RUSSELL RD

Well depth: 57

Well type: Type II public

Wssn: 0

Well num: Not Reported Driller id: 1940
Const date: 1991-03-22 00:00:00.000 Case type: PVC Plastic

 Case dia:
 5

 Case depth:
 49

 Screen frm:
 49

 Screen to:
 57

 Swl:
 40

 Test depth:
 40

 Test hours:
 2

Test rate: 25 Test methd: Unknown Grouted: 1 Pmp opcity: 15

Latitude: 41.99303805 Longitude: -83.95726008 Methd coll: Interpolation-Map

Elevation: 0

Elev methd: DEM30M Depth flag: Not Reported

Elevation < DEMmin or Elevation > DEMmax

Swl flag: Not Reported

 Elev dem:
 817
 Elev dif:
 817

 Elev miv:
 817
 Aq code:
 Drift Well

Aq flag: Not Reported

17

Pct aq: 82
Pct aq d: 82

A thickns2:

Pct aq r: 0 Pct maq: 0 Pct maq d: 0 Pct mag r: 0 Pct cm: 0 0 Pct cm d: 0 Pct cm r: Pct pcm: 18 Pct pcm d: 18 0 0 Pct pcm r: Pct na: 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: -1 D r type: Not Reported 0 Spc cpcity: A thicknes: 17 A pct aq: 100 A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0

A pct aq2:

TC3364903.2s Page A-29

100

A pct maq2:	0
A pct cm2:	0
A hit swl:	Т
A hit rock:	F
A sc Imod1:	Water Bearing
	100
A sc lpct1:	
A sc Imod2:	Not Reported
A sc lpct2:	0
Pct maq 1:	0
Pct pcm 1:	50
Pct aq 2:	100
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
	-
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct mag 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
	•
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	D
Hit swl:	Т
Athk2:	17
Horiz Conduct:	100
Vert Conduct:	100
T2:	1700
D50plek:	48.8996

A pct pcm2: 0 A pct na2: 0 A hit top: F A sc lith1: Sand & Gravel A sc Imaq1: AQ A sc lith2: Not Reported A sc Imaq2: Not Reported Pct aq 1: 50 0 Pct cm 1: Pct na 1: 0 Pct maq 2: 0 Pct pcm 2: 0 0 Pct aq 3: 0 Pct cm 3: Pct na 3: 0 Pct maq 4: 0 0 Pct pcm 4: Pct aq 5: 0 Pct cm 5: 0 Pct na 5: 0 Pct maq 6: 0 0 Pct pcm 6: 0 Pct aq 7: 0 Pct cm 7: Pct na 7: 0 Pct maq 8: 0 Pct pcm 8: 0 0 Pct aq 9: 0 Pct cm 9: Pct na 9: 0 0 Pct maq 10: 0 Pct pcm 10: 0 Pct aq 11: Pct cm 11: 0 Pct na 11: 0 0 Pct maq 12: Pct pcm 12: 0 Pct aq 13: 0 Pct cm 13: 0 Pct na 13: 0

Loc match:

Υ

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result	
49286	9/16/2006		1.3	
49286	3/21/1997			
49286	8/31/2005			
49286	4/8/2002		1.2	
49286	1/26/2004		1.2	
49286	12/11/2006		1.0	
49286	8/12/2008		1.9	
49286	2/2/1995		1.9	
49286	5/22/1997	<	0.3	
49286	2/6/1996	<	0.3	
49286	7/1/2005	<	0.3	
49286	11/3/2004		0.5	
49286	10/29/2001	<	0.3	
49286	2/17/2004	<	0.3	
49286	3/17/2005	<	0.3	
49286	3/19/2007	<	0.3	
49286	4/18/1997	<	0.3	
49286	3/8/1999		0.8	
49286	2/19/2002		0.7	
49286	6/11/2005		0.6	
49286	5/15/2004		0.7	
49286	4/19/1999		0.7	
49286	3/5/1994		0.7	
49286	3/21/1994			
49286	4/2/1999		0.7 0.8	
49286	1/27/2009		0.7	
49286	4/27/1999		0.9	
49286	3/30/1995		0.9	
49286	1/9/2004		1.8	
49286	2/2/2005		1.8	
49286	3/19/2008		2.9	
49286	7/7/2008		2.9	
49286	4/30/2007		2.9	
49286	3/1/1999		2.5	
49286	3/5/1999		2.7	
49286	4/4/2006		2.5	
49286	2/26/2009		2.5	
49286	4/10/2008		2.4	
49286	10/17/2008		2.3	
49286	3/10/2007		2.3	
49286	7/18/2009		2.4	
49286	6/8/2007		2.2	
49286	9/15/2009		2.3	
49286	4/25/2001		2.2	
49286	3/5/2001		2.2	
49286	1/29/2004		2.3	
49286	1/20/2004		2.0	

	2/21/2003		2.2
10206	2/25/2002		2.2
49286			
49286	10/9/2001		2.1
49286	4/16/1997		2.7
49286	11/1/2002		2.7
49286	1/31/2003		2.6
49286	2/19/1999		2.8
49286	9/16/2006		2.7
49286	11/27/2006		2.6
49286	3/20/1997		2.9
49286	1/26/1995		2.7
49286	12/1/2007		2.8
49286	3/23/1994		2.7
49286	6/9/2008		3.8
	4/4/2000		3.8
49286			
49286	5/22/2009		3.6
49286	8/21/2000		3.5
49286	3/19/1994		3.5
49286	11/30/1996		3.4
49286	3/13/1997		3.3
49286	2/21/2006		3.2
49286	3/17/1997		3.0
49286	5/27/1998		3.7
49286	3/15/1999		3.7
49286	4/13/2002		3.1
49286	3/17/2005		3.9
49286	6/26/2003		3.0
49286	3/15/2007		3.9
49286	5/1/2000		3.3
49286	4/14/1994		3.9
49286	3/17/1994		3.7
49286	4/1/1994		3.7
49286	12/24/1999		3.7
49286	2/17/2000		3.7
49286	3/4/2003		3.1
49286	4/27/2009	<	0.3
49286	5/27/1997		3.8
49286	12/23/2009		3.7
49286	3/1/2000		3.4
49286	4/10/2009		3.3
49286	3/8/1999		3.2
49286	2/23/2002		1.7
49286	4/12/1999		7.7
49286	7/19/2003		7.6
49286	12/1/2005		7.6
49286	2/22/2005		7.6
49286	3/14/2007		7.6
49286	8/8/2009		7.3
49286	1/23/2004		7.2
49286	5/14/1999		6.9
49286	3/17/1994		6.9
49286	3/23/1994		6.9
49286	5/9/1997		6.8
49286	2/24/1999		6.8
49286	10/28/1997		7.5
49286	5/5/1999		7.2
49286			

49286		1/29/2001	7.1
49286 11/6/1997 6.5 49286 6/26/2008 6.5 49286 12/7/2004 6.4 49286 11/12/2007 6.4 49286 11/12/2004 6.3 49286 3/3/2003 6.2 49286 2/2/2006 6.2 49286 2/25/2000 6.2 49286 4/25/2006 6.2 49286 4/25/2006 6.2 49286 4/25/2000 6.2 49286 4/25/2000 6.2 49286 4/21/1997 6.1 49286 4/21/1997 6.1 49286 1/16/2008 6.1 49286 1/30/2004 4.9 49286 3/13/2006 4.9 49286 3/13/2007 4.9 49286 3/14/2007 4.9 49286 5/15/2006 5.6 49286 7/22/2005 4.6 49286 7/22/2005 4.8 49286 7/29/2000	49286		
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49286 12/7/2004 6.4 49286 11/2/2007 6.4 49286 11/1/2004 6.3 49286 3/3/2003 6.2 49286 2/2/2006 6.2 49286 4/25/2000 6.2 49286 4/25/2000 6.2 49286 4/5/1999 6.2 49286 4/21/1997 6.1 49286 1/16/2008 6.1 49286 1/30/2004 4.9 49286 3/3/3006 4.9 49286 3/13/2006 4.9 49286 3/13/2006 4.9 49286 3/11/1999 6.0 49286 3/11/1999 6.0 49286 10/5/2007 5.6 49286 1/22/2005 4.6 49286 7/22/2005 4.6 49286 7/22/2005 4.8 49286 3/29/1997 4.8 49286 3/16/1997 4.8 49286 3/16/1994 <			
49286 11/24/2007 6.4 49286 11/1/2004 6.3 49286 3/3/2003 6.2 49286 2/2/2006 6.2 49286 4/25/2006 6.2 49286 4/25/2000 6.2 49286 4/25/2006 6.2 49286 4/5/1999 6.2 49286 4/5/1999 6.2 49286 4/21/1997 6.1 49286 1/16/2008 6.1 49286 1/30/2004 4.9 49286 3/13/2006 4.9 49286 6/4/2007 4.9 49286 3/11/999 6.0 49286 3/15/2007 5.6 49286 7/22/2005 4.6 49286 7/29/2000 4.9 49286 7/29/2000 4.9 49286 3/29/1997 4.8 49286 3/14/2006 5.5 49286 3/16/1997 4.7 49286 3/16/1997 <t< td=""><td></td><td></td><td></td></t<>			
49286 11/1/2004 6.3 49286 3/3/2003 6.2 49286 2/2/2006 6.2 49286 4/25/2000 6.2 49286 4/25/2000 6.2 49286 4/5/1999 6.2 49286 4/5/1997 6.1 49286 1/16/2008 6.1 49286 1/30/2004 4.9 49286 3/13/2006 4.9 49286 6/4/2007 4.9 49286 3/1/1999 6.0 49286 5/15/2006 5.6 49286 10/5/2007 5.6 49286 7/22/2005 4.6 49286 7/22/2005 4.6 49286 7/22/2005 4.6 49286 7/29/2000 4.9 49286 7/29/2000 4.9 49286 3/14/2006 5.5 49286 3/16/1997 4.8 49286 5/10/2003 5.1 49286 5/16/1997 <td< td=""><td></td><td></td><td>_</td></td<>			_
49286 3/3/2003 6.2 49286 2/2/2006 6.2 49286 4/25/2000 6.2 49286 4/25/2000 6.2 49286 4/25/2000 6.2 49286 4/21/1997 6.1 49286 1/16/2008 6.1 49286 1/30/2004 4.9 49286 3/13/2006 4.9 49286 3/13/2006 4.9 49286 3/13/2006 4.9 49286 3/1/1999 6.0 49286 5/15/2006 5.6 49286 7/22/2005 4.6 49286 7/22/2005 4.6 49286 7/29/2000 4.9 49286 7/29/2000 4.9 49286 3/14/2006 5.5 49286 3/14/2006 5.5 49286 3/16/1997 4.8 49286 5/10/2003 5.1 49286 5/16/1997 4.7 49286 2/18/2006			
49286 2/2/2006 6.2 49286 4/25/2000 6.2 49286 2/25/2000 6.2 49286 4/5/1999 6.2 49286 4/5/1999 6.2 49286 1/16/2008 6.1 49286 1/30/2004 4.9 49286 3/13/2006 4.9 49286 3/13/2006 4.9 49286 3/11/999 6.0 49286 3/11/999 6.0 49286 5/15/2006 5.6 49286 7/22/2005 4.6 49286 7/22/2005 4.6 49286 7/29/2000 4.9 49286 7/29/2000 4.9 49286 3/29/1997 4.8 49286 3/29/1997 4.8 49286 3/16/1997 4.8 49286 5/7/2009 5.5 49286 5/10/2003 5.1 49286 5/10/2003 5.1 49286 5/16/1997 <td< td=""><td></td><td> === .</td><td></td></td<>		=== .	
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		1170/2001	3.0
	10200		

	7/12/1996	6.6
49286	10/3/2007	7.8
49286	2/16/1998	7.7
49286	5/30/2005	7.7
49286	8/8/2009	7.0
49286	11/17/1997	6.9
49286	3/17/2006	6.9
49286	3/8/1997	2.0
49286	3/1/1999	101.7
49286	6/19/2003	65.4
49286	2/25/1997	25.4
49286	4/25/1997	24.8
49286	1/11/2003	24.7
49286	10/20/1997	18.3
49286	3/7/1997	17.7
49286	4/26/2005	17.7
49286	11/12/1997	17.6
49286	10/27/2003	17.6
49286	2/23/2006	60.9
49286	3/18/2004	54.8
49286	3/31/2004	54.6
49286	3/1/1999	53.8
49286	2/1/2005	53.8
49286	1/27/2006	53.3
49286	3/23/1994	48.4
49286	2/28/2005	44.9
49286	3/31/1997	42.3
49286	12/6/2005	22.8
49286	3/14/2003	22.7
49286	3/5/2003	22.3
49286	4/12/2003	22.3
49286	12/26/2007	22.1
49286	3/19/1994	22.1
49286	2/24/1998	17.3
49286	11/3/1997	17.3
49286	2/18/2003	16.9
49286	4/8/2004	16.8
49286	12/13/2003	16.8
49286	3/30/2006	16.6
49286	5/7/1997	16.5
49286	11/24/1997	16.3
49286	7/20/1998	16.2
49286	6/16/2003	16.2
49286	7/17/2002	16.0
49286	5/15/1997	15.9
49286	3/21/2000	15.9
49286	3/23/2000	15.6 14.0
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49286	4/13/2006	
49286	4/15/1998	14.0 13.8
49286	11/14/2005	13.8
49286	7/27/2007	13.8
49286	3/23/1994	13.8
49286	4/21/1997	15.4
49286	2/16/1998	15.4
49286		

	12/19/2002	15.2		
49286	11/14/1994	15.2		
49286	2/19/1999	15.1		
49286	3/25/1999	15.0		
49286	2/25/1999	14.7		
49286				
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49286	3/23/1994	14.7 14.7		
49286	4/21/2006	14.6		
49286	2/13/2002	14.2		
49286	11/19/2007	14.2		
49286	3/20/1999	13.6		
49286	3/16/1999	13.5		
49286	2/7/2005	13.5		
49286	2/19/1999	13.3		
49286	4/22/2006	13.2		
49286	3/21/1997	13.0		
49286	3/1/1999	13.0		
49286	1/26/2004	12.9		
49286	2/6/2004	12.8		
49286	12/8/2007	12.8		
49286	2/28/2009	12.8		
49286	3/27/2000	12.5		
49286	3/20/1997	12.4		
49286	3/8/1999	12.4		
49286	10/25/2003	12.4		
49286	12/5/2006	8.9		
49286	3/19/1997	12.3		
49286	12/17/2005	12.3		
49286	11/28/1994	12.3		
49286	3/26/1999	12.1		
49286	3/19/2009	11.1		
49286	11/9/2009	11.0		
49286	6/3/2009	10.2		
49286	11/13/2003	10.1		
49286	3/1/1999	8.0		
49286	1/27/2003	8.0		
49286	3/1/1999	12.0		
49286	5/1/1997	11.9		
49286	1/18/2007	11.9		
49286	2/17/2007	11.9		
49286	2/26/2003	10.9		
49286	2/2/2000	10.9		
49286	2/24/1999	10.8		
49286	4/10/2004	10.8		
49286	3/19/1994	10.8		
49286	11/21/2006	10.0		
49286	12/8/2007	10.0		
49286	11/30/2005	9.9		
49286	3/19/1994	9.9		
49286	2/28/2000	9.9		
49286	3/17/1994	8.8		
49286	6/7/1999	11.8		
49286	3/18/1999	11.6		
49286	12/1/2005	11.6		
49286	11/3/1997	9.8		
49286				

	12/29/2003	9.8
49286	3/4/1998	9.7
49286	3/27/2007	8.5
49286	3/17/1994	8.5
49286	6/22/1999	8.5
49286	3/22/2000	11.6
49286	1/10/2009	11.5
49286	4/5/2002	11.4
49286	3/15/2007	10.5
49286	11/1/1997	10.3
49286	12/17/1999	10.4
49286	12/8/2007	9.7
49286	1/21/2010	9.7
49286	2/11/2002	9.6
49286	8/13/2001	9.6
49286	12/7/2000	8.4
49286	5/19/1997	11.3
49286	4/17/1998	11.3
49286	1/29/2010	11.3
49286	8/3/1998	11.2
49286	8/25/2006	11.2
49286	11/5/1996	10.3
49286	4/24/2006	9.5
49286	8/6/2007	9.5
49286	12/26/1997	8.7
49286	2/11/2003	8.7
49286	2/1/2001	8.7
49286	3/12/2002	8.6
49286	2/15/2002	2.1
49286	11/20/2006	9.4
49286	4/10/2002	9.3
49286	12/17/2005	9.3
49286	3/21/1998	8.1
49286	1/19/2004	8.1
49286	2/2/2006	8.1
49286	2/27/1999	9.2
49286	2/16/1999	8.2
49286	2/20/1999	8.2
49286	1/29/2001	9.1
49286	2/19/1999	9.0
49286	11/3/2003	8.6
49286	12/29/2005	8.6
49286	1/17/2004	8.6
49286	5/17/1999	2.1
49286	10/12/1998	39.3
49286	4/19/2001	35.5
49286	4/28/2004	35.2
49286	3/1/1999	33.8
49286	3/30/2002	33.5
49286	3/21/1994	33.5
49286	3/20/2000	2.1
49286	3/28/1994	2.0
49286	12/4/2006	32.1
49286	3/10/1997	31.8
49286	7/12/1997	31.1
49286	3/16/1994	30.8
49286		

	3/9/2000	30	0.5
49286	4/18/1994		0.5
49286	3/15/2008		0.4 0.4
49286	10/2/2002		0. 4 0.0
49286	3/11/2005		9.9
49286	3/13/1997		0.1
49286	11/21/2000		0.1
49286	2/19/1999	1:	9.9
49286	4/14/1994	19	9.9
49286	4/10/2000	19	9.8
49286	2/10/2006	19	9.7
49286	3/1/1999	1:	9.6
49286	3/1/1999		9.5
49286	3/1/1999		9.4
49286	3/30/2002		8.2
49286	3/6/2000		0.2 7.3
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49286	3/19/1994		7.1
49286	9/16/2002		6.6
49286	3/11/2004		5.6
49286	3/29/1994	19	9.1
49286	3/20/1997	18	8.8
49286	3/22/1999	18	8.8
49286	3/14/1997	18	8.8
49286	2/25/2004	18	8.8
49286	11/6/1997	18	8.6
49286	7/17/2002		8.6
49286	10/14/2003		8.5
49286	3/18/1994		8.5
49286	11/1/2004		8.4
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49286	5/6/1998		.6
49286	10/31/1997		.6
49286	3/1/1999		.4
49286	4/14/1994		.2
49286	11/3/1994		.2
49286	10/2/2009	4.	.2
49286	1/22/2002	4.	.0
49286	4/1/2003	4.	.4
49286	3/2/1999	4.	.1
49286	3/16/2007	4.	.0
49286	3/17/1994		.0
49286	3/1/1999		.2
49286	2/20/1999		.2
49286	3/8/1999		. <u>2</u> .5
49286	2/22/2000		.3 .4
49286	8/8/2009		.4
49286	3/24/2003		.2
49286	11/17/2003		.2
49286	7/7/2006		.2
49286	9/15/2006	4.	
49286	3/5/1999	4.	.3
49286	3/24/1999	4.	.3
49286	10/13/1998	4.	.3
49286	10/23/2007		.2
49286	7/17/2007		.5
49286	1/16/2002		.4
49286	11/28/2006		 .4
.3200	11/20/2000	•	

AREA RADON INFORMATION

Federal EPA Radon Zone for LENAWEE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 49286

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	2.900 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% Not Reported
Basement	23.133 pCi/L	0%	67%	33%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Natural Resources

Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

The data in this file was obtained from Wellogic, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellogic contains approximately 425,000 water well records found within the State of Michigan, and although it represents the best available data, it cannot be considered a complete database of all the wells or well records in existence.

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Department of Environmental Quality

Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551 Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

These results are from test kits distributed by the local health departments and used by

Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

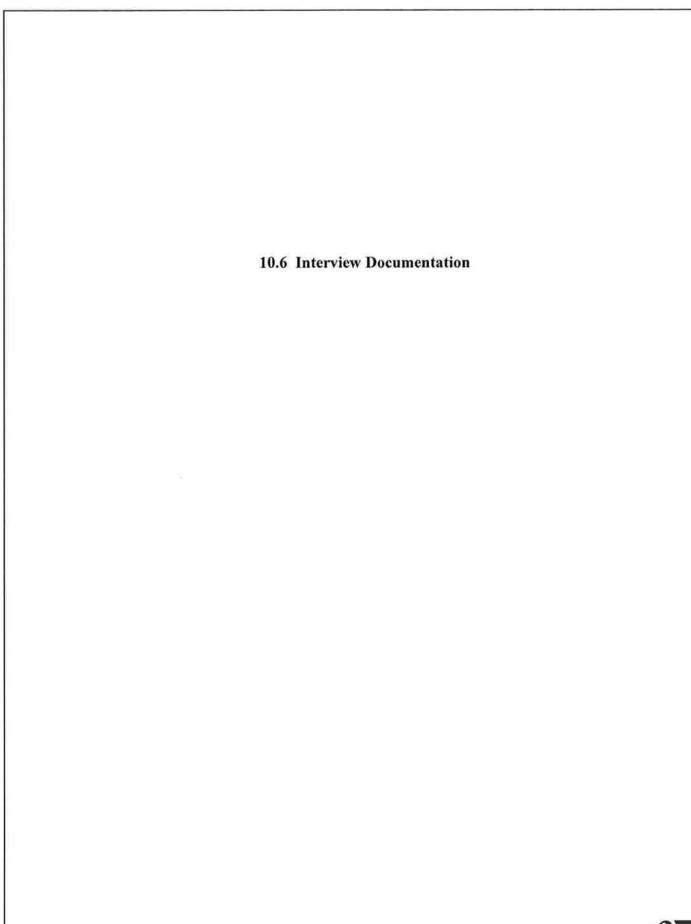
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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SECTION VIII 2011 - USER'S ENVIRONMENTAL QUESTIONNAIRE AND DISCLOSURE STATEMENT

The Authority requires the completion of it's "User's Environmental Questionnaire and Disclosure Statement" to fulfill Section 6, User's Responsibilities of the ASTM Standard E 1527-05. The checklist is to be completed and signed by the <u>sponsor (developer)</u>, and returned to the Environmental Professional conducting the Phase I. This questionnaire is to be reviewed by the Environmental Professional and incorporated into their Phase I report (the completed User's Questionnaire is to be included in Appendix 10.6 of the Phase I report) Failure to properly complete this process will result in delays.

In preparing this document, the "User" (Sponsor) must make a good faith effort to answer the questions in the checklist. The preparer presents that to the best of his/her knowledge the above statements and facts are true and correct and that to the best of the preparer's knowledge no material facts have been omitted or misstated. Time and care should be taken to check whatever records are in the user's possession. If any of the following questions are answered in the affirmative or if answers are unknown, are qualified, or cannot be obtained, the burden is on the Environmental Professional to determine whether further inquiry is appropriate. The property user should document the reason for any affirmative answer to provide the consultant with all appropriate information. Moreover, the Environmental Professional must determine if further inquiry in any area where the property owner provides incomplete information is warranted, providing written explanation for their recommendation(s).

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's Amendments"), the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

User's (Sponsor's) Name: UN OF DOWNSON				
User's (Sponsor's) Telephone No.: 517-424-6003				
User's (Sponsor's) Fax No.: 517-473-3610				
Subject Property: <u>(at pet on Wheels</u>				
Property Address: 19 W. Chicago Blvd.	***************************************			
City: Tecumsen	_ State:	ML	_Zip:	49286

1.0 Environmental Cleanup Liens:

Are you aware of any environmental cleanup liens against the property that are filed, recorded, or unrecorded under federal, tribal, state, or local law?

__YES NO (If "YES," please describe)

2.0	Activity	and Land	Use Lim	itations:

___ YES ___ NO (If "YES," please describe)

Are you aware of any activity and land use limitations, such as engineering Controls, land use restrictions or institutional controls that are in place at the site and/or have been filed, recorded or unrecorded in a registry under federal, tribal, state or local law?
YESNO (If "YES," please describe)
Specialized Knowledge or Experience of the User:
(a) As the user of this ESA do you have any knowledge or experience related to the property or nearby properties that could be material to any environmental conditions of this property?
YES NO (If "YES," please describe)
 (b) Are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? YES X NO (If "YES," please describe)
Relationship of Purchase Price to Fair Market Value:
(a) Does the purchase price being paid for this property reasonably reflect the fair market value of the property?
YESNO (If "YES," please describe) NA
(b) If you conclude that there is a difference, have you considered whether the lower price is because contamination is known or believed to be present at the property?

NA

3.0

4.0

5.0 Commonly Known or Reasonably Ascertainable Information:

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user, (a) Do you know the past uses of the property? Please List: (b) Do you know the specific chemicals that are present or once were present at the property? __ YES \(\sqrt{NO} \) (If "YES," please describe) (c) Do you know of spills or other chemical releases that have taken place at the property? __YES \(\sum \) NO (If "YES," please describe) (d) Do you know of any environmental cleanups that have taken place at the property? __YES NO (If "YES," please describe) Presence or Likely Presence of Contamination: As the user of this ESA, and based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? YES X NO (If "YES," please describe) User's Signature: User's Printed Name:

6.0



PROPERTY OWNER/OCCUPANT QUESTIONNAIRE

This questionnaire concerns the current and historical uses and conditions of the referenced property and will be included within the Phase I ESA report. Questionnaire answers should be based upon the owner/occupant's reasonable knowledge of current and historical use and activities at the property.

T	-4		47 .	me
เท	CTT	710	T1/	me

1. 2. Fill in all blanks.

 Indicate "NA" (not applicable), if appropriate. Attach additional pages with your signature if additional space is required.
Property Name: CARPET ON WHEELS INC.
Property Location: 119 \$ 115 W CHICAGO BIVD TECHNOON
County: LENAWEE State: MKAIGAN
Questionnaire Completed By/Title: V.P. (EDWARD HULL)
Company/ Phone Number:
On Behalf Of (if applicable): NA
Year of Purchase/Lease (circle one): PURCHASTO 115 1997
Time Period of Site Knowledge: 30 + SEAPS CAPPET STORE 119 GIFTSHOP 115
Names/Phone Numbers of Former Owners/Occupants:
Owners: Bob SWEEZY PHANT * WKNOWN
Occupants: CAPPT ON WHOUS
Names/Phone Numbers of other persons who have knowledge of property history:
Property Description and Use
1. Provide a general description of the property:
☐ Undeveloped ☐ Vacant ☐ Wooded 💢 Buildings 🗀 Other
2. Describe the structures present on the property (number, size, and construction date): 119 - 2. STORY BLICK ISTONE FOUNDATION BUILT ROUGHLY 1880 - 1890'S

Page 1 of 8

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119 - SAME AS ABOUT #

3.		ntify utilities available to the property (check box and indicate provider): Electric:
	N N	Gas: Consumars enally
	1	Sanitary Sewer: CITY OF TECUMSE!
	Z	Storm Sewer: 10 10 11
	Z	Municipal Water: 11 11
4.	Are	there any easements at the property?:
		Yes X No
	TF s	es, where are the easements located?:
	ну	es, where are the easements located?.
5.	То	the best of your knowledge, identify if the following were formerly (F) or are currently (C) present on the property. Select NA if not applicable to the property.
	F	C On-site water supply wells
	FF FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	C NA Septic fields, drain fields, or dry wells C NA Abandoned wells
	F	C NA Lagoons, settling ponds
	F	Monitoring wells Underground sumps, lines, basins, or tanks
	F	C NA Aboveground storage tanks (ASTs)
	F	C NA Aboveground storage tanks (ASTs) C NA Transformers or capacitors C NA Other PCB containing equipment C NA Mines or pits C NA Hidden chemical materials or wastes C NA Dumps or landfills C NA Oil or gas wells or test holes C NA Unusual fill areas, such as foundry sand, etc. C NA Barrel or drum storage areas
	r F	C NA Other PCB containing equipment C NA Mines or pits
	F	C Hidden chemical materials or wastes
	F	C NA Dumps or landfills C NA Oil or gas wells or test holes
	F	C Unusual fill areas, such as foundry sand, etc.
	F	C NA Barrel or drum storage areas
6.		What is the general use of property:
		☐ Industrial ☑ Commercial ☐ Residential ☐ Other
7.		What products/services are produced/provided at the property?:
8,		What type of on-site processes are used at the property?: Show Room & SALES ONLY
9,		What types of equipment are used at the property?:
10		What raw materials are used at the property?:

Т	ı	1	١ -	-2	a-	20	1	2	02		55	PM	
•	٠,	,			6 –	20		_	92	-	22	PM	

Ω 7 6	Yes		×		ATTA							
If yes,	list the	applicable	perm	it(s):_	NIA	×-						
nnerty	and Adi	oining P	ronert	ies - (Current	and Hi	storical	Use				
opere,	311132 - 232	Omme, a	VIJOIT		V.11.			000				
	•	iquid or s	- 2		_							
	Yes		X	No			Unkno	wn			,	
If yes,	please I	ist the mo	nthly v	volun	ne genera	ted and	explain	disposal	method:	NI	A	
							80			' /	30501)	
							· ·	-	***			
							Maria				ww	
	•	*****					sed for a	n industri	al use?			_
	property	*****	joinin	g proj		rently u	sed for a		al use?		-	_
. Is the p	property Yes	*****	joining A	g proj	perty curr	rently u			al use?			
. Is the p	property Yes Property	or any ac	ljoining	g proj No	perty curr	rently u	Unkno	wn				
. Is the p	property Yes Property	or any ac	ljoining	g proj No	perty curr	rently u	Unkno			,		_
. Is the p	property Yes Property	or any ac	ljoining	g proj No	perty curr	rently u	Unkno	wn				
. Is the p	property Yes Property C explain	or any ac Adjoining briefly: or any ac	joining N/A	g proj	perty curr	rently u	Unkno	gasoline s	station, v	ehicle	гераі	ir fac
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Is the p	property Yes Property explain property ercial pri treatmen	or any action or any action or any action of any actions factions.	ijoining	g proj No	perty cum perty cum aners, ph rocessing	rently unoto dev	sed as a veloping by cling f	gasoline s laborator acility?	station, v y, junkys	ehicle ard or	repai landfi	ir fac
Is the p	property Yes Property = explain property ercial pri treatmen Yes	or any activities or any activiting factivity, storage	ijoining	g proj No	perty cum perty cum aners, ph rocessing	rently unoto dev	sed as a veloping by cling f	gasoline s laborator acility?	station, v y, junkys	ehicle ard or	repai landfi	ir fac

	Name/Owner	Land Use
Property	CALPET ON WHEELS	Flood CO VOO VO STORE
North adjoining properties	CITY OF TECHYSON	PARKING LOT
South adjoining properties	STATE OF MI	M-50 (HWY)
East adjoining properties	UNKNOWN / GOLDON HAGE	HAVE SATON
West adjoining properties	UNENOVAI BASK BOPS	RESTURANT

□ Yes 🗶 N		Unknown	
	'	Chalown	
□ Property □ Adjoining			
If yes, explain briefly:			
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
 Has the property or any adjoining repair facility, commercial printing landfill, or as a waste treatment, s 	ng property histo ng facility, dry cle storage, disposal, p	rically been used as a caners, photo developing processing, or recycling	a gasoline station, vehi- ng laboratory, junkyard g facility?
□ Yes □ No	21	Unknown	
	_		
☐ Property □ Adjoining			
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
If yes, explain briefly:			
If yes, explain briefly: / //d			
lease complete the historical land us			Date:
lease complete the historical land us	Owner	Use	Dates (A)
ease complete the historical land use	Owner UNKNOWAJ	UNKNOWN	UNKABURU
ease complete the historical land use vious use of Property revious use of properties to north	Owner (NKNOWA)	UNKNOWN	UNKABURU
ease complete the historical land usevious use of Property evious use of properties to north evious use of properties to south	Owner UNKNOWN	UNKNOW	UNKABURU
revious use of Property revious use of properties to north revious use of properties to south revious use of properties to east	Owner (INKNOWA)	UNKNOW)	UNKABUDU (1
	Owner UNKNOWN	UNKNOW	UNKABURI
revious use of Property revious use of properties to north revious use of properties to south revious use of properties to east revious use of properties to east revious use of properties to west urrent and Historical Property C 7. Are there currently, or have th industrial batteries, pesticides, pallons or greater than 50 gallons	Owner (NKNA) (1) Conditions Here been previous paints, or other control stored on or other controls.	sly, any damaged or hemicals (individual r used at the property of	discarded automotive
ease complete the historical land usevious use of Property evious use of properties to north evious use of properties to south evious use of properties to east evious use of properties to west urrent and Historical Property C Are there currently, or have th industrial batteries, pesticides,	Owner (NKNA) (1) Conditions Here been previous paints, or other control stored on or other controls.	sly, any damaged or hemicals (individual)	discarded automotive

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	Yes	×	No		Unknown		
If yes	describ	e the chemicals	stored on		(volume, conte	nts and dates of	storag
autom	otive or	azardous substa industrial batter incinerated on t	ries, or an	y other was	oducts, uniden te materials bee	itified waste m in dumped above	nateria e grade
	Yes	×	No		Unknown		
If yes	, identify	the location an	d date(s):_	NJA			
20. Are ti (abov	nere cur eground	rently, or have or underground	there been	n previously on the proper	, any registered ty?	d or unregistered	d stor
	Yes	×	No		Unknown		1
21. Are t	nere cur	of patched con	here been	previously,	any vent pipes	f applicable):	ruding
21. Are to ground tank o	nere cur d, areas on the pr Yes	rently, or have to of patched conceptive?	here been	previously,	any vent pipes	s, fill pipes prote	ruding
21. Are to ground tank o	nere cur d, areas on the pr Yes	rently, or have to of patched conceptiv?	here been crete or a	previously, asphalt, or a	any vent pipes	s, fill pipes prote	ruding regroun
21. Are the ground tank of	nere cur d, areas on the pr Yes , identif	rently, or have to of patched conceptive?	here been crete or a	previously, asphalt, or a	any vent pipes ccess ways ind Unknown	s, fill pipes protricating an under	ruding regrour
21. Are the ground tank of	nere cur d, areas on the pr Yes , identif	rently, or have to of patched componenty?	here been crete or a	previously, asphalt, or a	any vent pipes ccess ways ind Unknown	s, fill pipes protricating an under	ruding regrour
21. Are the ground tank of tan	rere cur d, areas on the pr Yes , identified	rently, or have to of patched componenty?	No N/A itors, or hy	previously, asphalt, or a	any vent pipes ccess ways ind Unknown pment on the pr Unknown	s, fill pipes protricating an under	ruding
21. Are the ground tank of tan	yes , identify Yes , are the	rently, or have to of patched componenty? If the location: sformers, capacitations of the control of the cont	No No No No ndicating t	ydraulic equi	any vent pipes ccess ways ind Unknown pment on the pi Unknown of PCBs?:	s, fill pipes protricating an under	ruding regroun
21. Are the ground tank of tan	yes , identify Yes , are the	rently, or have to of patched componenty? The location: sformers, capacing the any records in the location i	No No No No ndicating t	ydraulic equi	any vent pipes ccess ways ind Unknown pment on the pi Unknown of PCBs?:	s, fill pipes protricating an under	ruding regroun

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		Yes		X	No			Unkne	own			
	If yes,	identify	the date	and lo	cation o	f fill pla	cemen	t;	N/A			
25.	than w	re curre ater, or i	oul odor	ave thes, asso	ere beer sciated v	n previou	usly, a	ny leak ing, dra	s, spills ins, wa	, or stai	ining by ings, or	substantexposed
		Yes		X	No			Unkn	own			
	If yes,	identify	the locat	ion and	d dates:	611	1					
26.	Are the waste t	ere curre reatment	ently, or or dispo	have osal loc	there be	een prev	iously perty?	, any p	oits, po	nds, or	lagoon	s associa
26.	Are the waste t	ere curre reatment Yes	ently, or or dispo	have osal loc	cated on	een prev the prop	riously perty? □	, any p Unkn	-	nds, or	lagoon	s associa
26.	waste t	reatment Yes	ently, or or dispo	osal loc	nated on No	the pro	riously perty?		-	nds, or	lagoon	s associa
	If yes, Exclud	Yes identify ing storr	or dispo	sion and	No d dates:	the prop	A charge	Unkn	own existin			y sewer,
	If yes, Exclud	Yes identify ing storr	the locat	sion and	No d dates: nitary w	the prop	A charge	Unkn	existin			** • *********************************
	Exclude propert	Yes identify ing storry discha	the locat n water a	and sarewater	No d dates: nitary w on or a	vaste disc	charge to the	Unkn	existin y?	g storm		** • *********************************
	Exclude propert	Yes identify ing storry discha	the locat	and sarewater	No d dates: nitary w on or a	vaste disc	charge to the	Unkn	existin y?	g storm		** • *********************************
	Exclude propert	Yes identify ing storry discha	the locat n water a	and sarewater	No d dates: nitary w on or a	vaste disc	charge to the	Unkn	existin y?	g storm		** • *********************************
27.	If yes, Exclude propert If yes, If the jidentifit	Yes identify ing storry discha Yes describe	the locat n water a rge wast	and sarewater of war	nitary woon or a No stewater	vaste discidiacent	charge to the contify of non-plicab	Unknown into an property Unknown discharge-public guide	existing? own ge locat water selines?	g storm	have c	** • *********************************

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29.	29. Have you been informed of the current or past existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?							
		Yes		X	No			Unknown
	If yes,	briefly	explain:	_/	V/A		- 13	
30.	Do you	u have sence c	any knowl f hazardou	ledge is sub	of any	environm or petrole	ental um p	site assessment of the property that indicated roducts on, or contamination of, the property?
		Yes		X	No			Unknown
	If yes,	briefly	explain;		NA	1		
31.	If the pro		is in Mic	higan	, has a	Baseline E	Enviro	onmental Assessment (BEA) been prepared for
		Yes			No		X	Unknown
	If yes,	briefly	explain:	N/	4			
32.	concer	ning th	w of any e release o located or	fany	hazaro	lous subst	or ances	past lawsuits or administrative proceedings or petroleum products involving the property
		Yes		K	No			Unknown
	If yes,	briefly	explain:	Λ	1/A		-	
33.	Do you recurre the pro	ent viol	any knowl ations of e	edge	of envi	ronmental I laws wit	liens th res	or government notification relating to past or pect to the property or any facility located on
		Yes		X	No			Unknown
	If yes,	briefly	explain:	/	VIA			

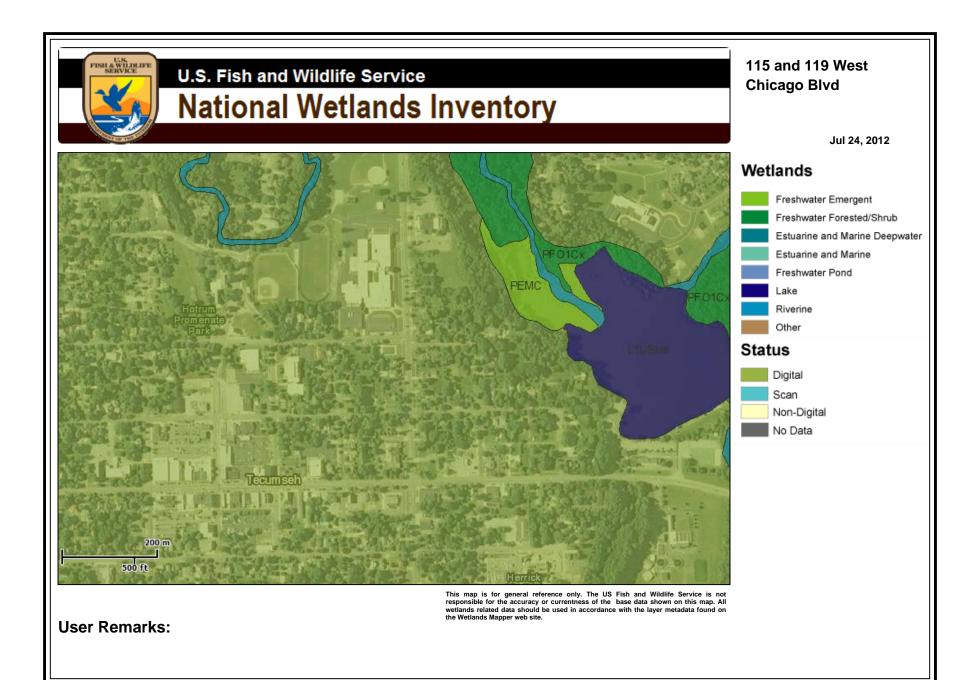
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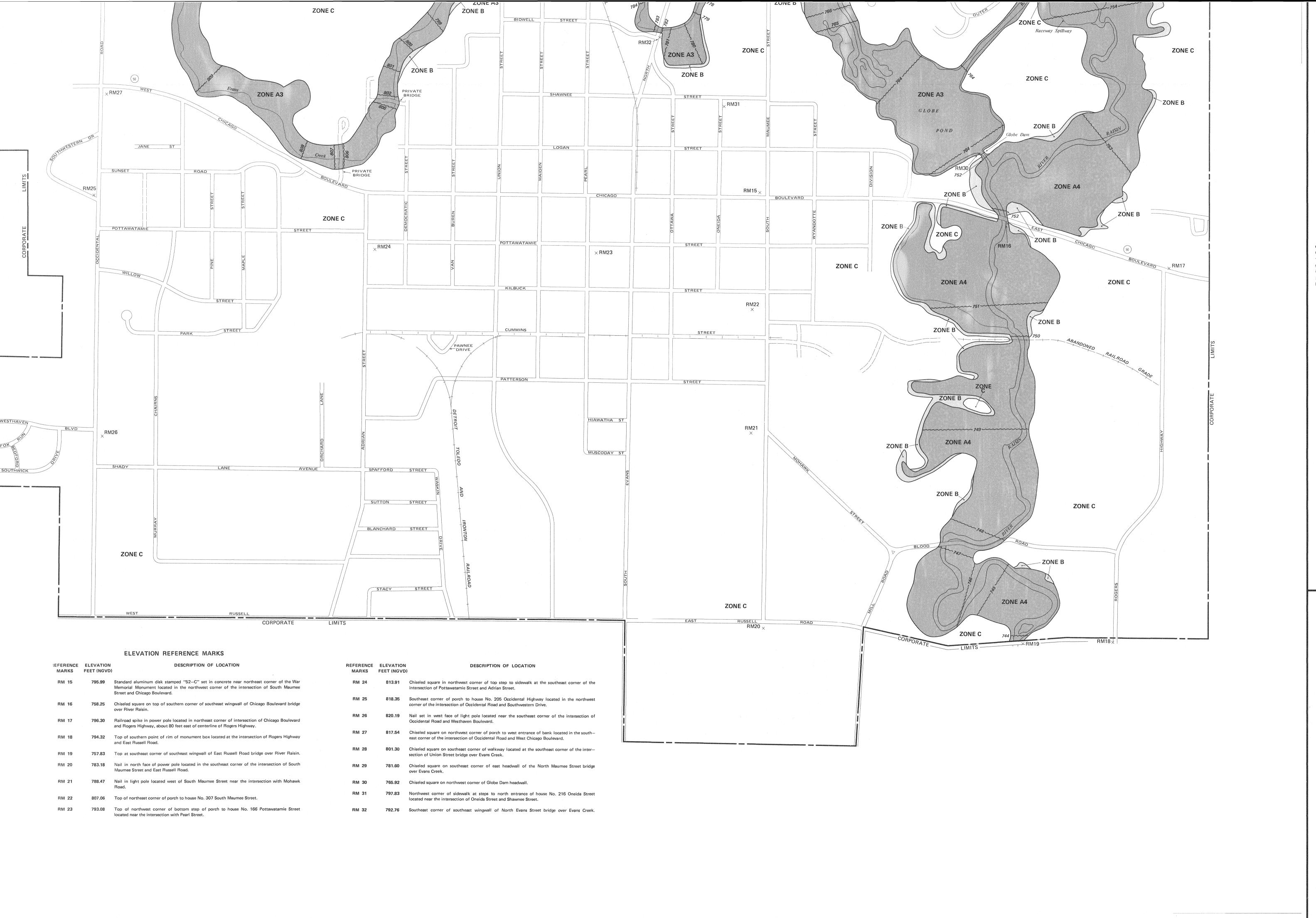
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JUL-20-: <i>5</i> 4	controls/land use restrictions) that are a registry under federal, tribal, state, o	nd use restrictions) that are in place at the property and/or have been filed or reconder federal, tribal, state, or local law?						
	□ Yes 🗶 No		Unknown					
	If yes, identify limitation/restriction:_	_N/A						
	EDWARD HULL		Edward And					
<u>(</u>	Printed Name APET W WHOUS INC. Company		V. P. Signature Title					

III	10.7 Special Contractual Conditions Between User and Environmental Professional	
	Q.	







Where Uniform Within Zone** $RM7 \times$ Elevation Reference Mark Zone D Boundary-●M1.5 River Mile **Referenced to the National Geodetic Vertical Datum of 1929 *EXPLANATION OF ZONE DESIGNATIONS

EXPLANATION Areas of 100-year flood; base flood elevations and

flood hazard factors not determined.

Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined. AH Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors

are determined. A1-A30 Areas of 100-year flood; base flood elevations and flood hazard factors determined. Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.

Areas between limits of the 100-year flood and 500year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square

mile; or areas protected by levees from the base flood. (Medium shading) Areas of minimal flooding. (No shading) Areas of undetermined, but possible, flood hazards.

Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined. V1-V30 Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures. This map is for flood insurance purposes only; it does not neces-

sarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas. For adjoining map panels, see separately printed Index To Map

> INITIAL IDENTIFICATION: MAY 24, 1974 FLOOD HAZARD BOUNDARY MAP REVISIONS:

JUNE 11, 1976

FLOOD INSURANCE RATE MAP EFFECTIVE: JUNE 1, 1982

FLOOD INSURANCE RATE MAP REVISIONS:

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been estab-

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620.



APPROXIMATE SCALE

400 0

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

CITY OF TECUMSEH. MICHIGAN LENAWFE COUNTY

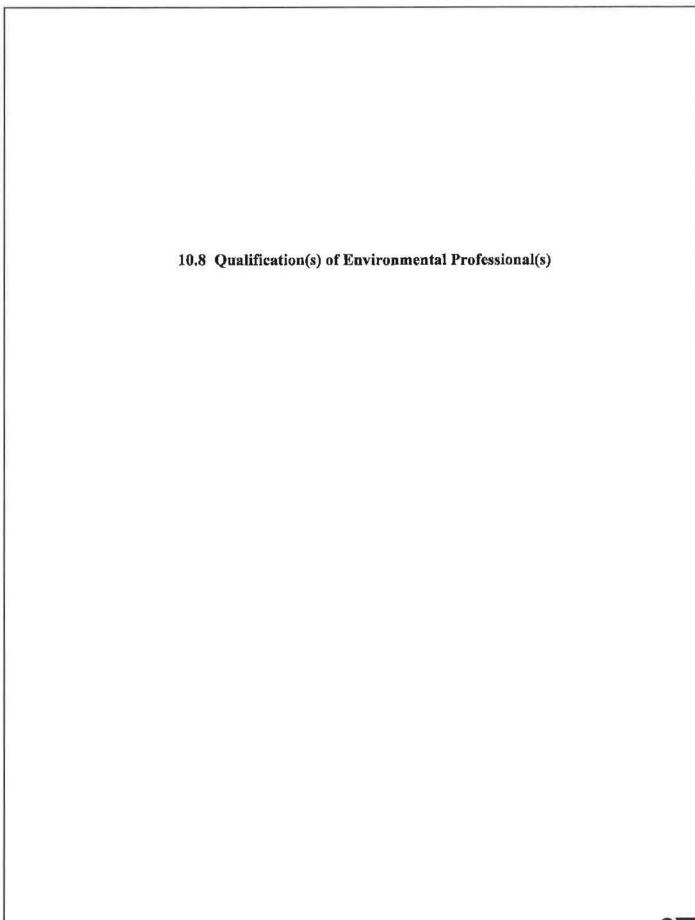
PANEL 3 OF 3

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER 260117 0003 B

> EFFECTIVE DATE: JUNE 1, 1982

Federal Emergency Management Agency





Project Consultant

Identifies possible environmental concerns for Phase I Environmental Site Assessments (ESAs), assists with compliance projects, and performs a broad range of tasks related to Toxic Release Inventory (TRI) reporting.

Professional Qualifications:

- > Over 13 years of experience in conducting ESAs including report research, site walkover, and report preparation.
- > Over 17 years of experience in Toxic Release Inventory (TRI) reporting, including database management, training, conducting site visits, calculating releases, preparing documentation reports, submitting Form Rs, and analyzing data.

Representative Project Experience:

- Managed/conducted over 200 Phase I ESAs throughout the country for individuals, corporations and lending institutions to identify potential environmental liabilities. Assignments have included vacant land, vacant/active manufacturing sites, medical facilities, restaurants, and other commercial facilities.
- > Managed a series of Phase I ESAs for the redevelopment of urban residential properties throughout Michigan by non-profit organizations. The ESA scope included requirements to qualify the projects for Michigan State Housing Development Authority (MSHDA) competitive funding to develop new residential units.
- > Managed water quality projects for development and commercial clients. Collected water samples and compared analytical results, as well as selected chemical constituents to National Drinking Water Standards.
- Managed and maintained database for TRI release reporting for a major automobile manufacturer for the past 16 reporting years. Modified database to account for correct usage, exemptions, unit of measure conversions, and process descriptions. Included generation of over 250 Form Rs annually for over 40 facilities. Since 1993, the project also included Environment Canada National Pollutant Release Inventory (NPRI) reporting.
- > Assisted in management of database for five-year capital spending plan for environmental staff of a major automobile manufacturer. Coordinated with air, water, hazardous waste, pollution prevention, and toxic substance staff specialists to revise projects and track planned expenditures versus actual costs.
- **Career History:** SME since 1997 Other firms from 1981

Education: B.S., Urban and Regional Planning, Eastern Michigan University

ISO 14001 Environmental Management Systems Implementation Training

ISO 14001 Environmental Management Systems Internal Auditing

Training

Certifications: Certified Hazardous Materials Manager (CHMM)

8-Hour HAZWOPER Refresher Training - Health & Safety

* Affiliations: American Association of University Women (AAUW) - Plymouth/Canton

Chapter – Director of Communications

Inforum (Women's Economic Club of Detroit)



Staff Geologist

Conducts environmental evaluations on a variety of sites. Conducts field investigations; determination of aquifer characteristics; geological and hydrogeological interpretation; groundwater modeling; and analytical data evaluation and validation. Uses a variety of computer applications to assist with data evaluation and presentation, data compilation, and preparation of various types of reports.

Professional Qualifications:

- > Relevant courses include: Groundwater Modeling/Contaminant Transport, GIS, Hydrology, Geochemistry of Natural Waters, Surface Water Hydrogeography, Organic Comp. of Natural Waters, Surface Processes, Geomorphology, Structural Geology, Basin Analysis, Isotope Geochemistry, Glacial Geology, Petrology, Mineralogy, Statistics, Spanish, and Arabic.
- > Skilled in the use of MODFLOW, AQTESOLV, STELLA, ArcGIS, Fortran, Groundwater Vistas, Adobe Photoshop and Illustrator, Corel Draw, and Microsoft Excel.

Project Experience:

- > Served as Physical Science Tech at the United States Geological Survey. Activities included altering the most complex groundwater model in the USA to glacial conditions, analyzing the effect of climate change on future water levels in the Death Valley region, and using GIS to visualize changes to the potentiometric surface.
- > Served as an intern at the NASA Lunar and Planetary Institute. Activities included analyzing lunar poles for ice as a Member of NASA Mini-RF Mission and analyzing image data to determine the ice content of polar craters.
- > Served as Field Tech at TesTech Geotechnical Engineering Services. Activities included drilling/installing dry wells up to 150 feet, classifying soil samples, and performing DCP and nuclear gauge testing.

Career History: SME since June 2012

Education: B.S., Geology, University of Cincinnati

M.S., Hydrogeology, Miami University

Certifications: 40-Hour HAZWOPER



Principal/Senior Consultant

Serves as senior client contact, senior reviewer and project manager for a multitude of projects, specializing in large/complex projects. Specialties include regulatory interaction to provide practical remediation strategies. Maintains contact with the MDEQ to monitor new environmental rules and regulations. Provides overall Quality Assurance/Quality Control and technical direction for the environmental group.

Professional Qualifications:

- > Expert at contamination investigations and development of remediation alternatives for industrial facilities, UST sites, groundwater and soil studies.
- > Expert at Baseline Environmental Assessments (BEA), Compliance Analyses, Due Care and Brownfield planning for redevelopment of urban properties.
- Selected to serve on the Michigan's Collaborative Stakeholder Initiative (CSI) for Reinventing the State's Cleanup and Redevelopment Program. The CSI effort focused on seven Issue Groupings: Brownfield Redevelopment, Cleanup Criteria, Due Care Obligations, Free Product/Source Removal/Csat, Groundwater Surface Water Interface, Part 201 Rules, and Vapor Intrusion. Ms. Kehres-Dietrich served on the Free Product/Source Removal/ Csat issue group.

Representative Project Experience:

- Senior project manager for in situ ozone remediation of a gasoline release at a natural gas compressor station site. Previous remediation efforts implemented by others included the use of oxygen releasing compound (ORC®), pump-and-treat of 647,500 gallons of water during a natural gas line installation, and excavations below the water table, but these had been unsuccessful in reducing contaminants below target levels due to site conditions. SME received approval from the MDEQ for a 2-month pilot study utilizing ozone for treatment. The pilot study was conducted in the most contaminated area of the plume. Significant contaminant reduction, on the order of 70 percent, was indicated by post-injection soils data. The final remedy for the site is being evaluated.
- SME's senior project manager and/or chief technical consultant for 10 Manufactured Gas Plants (MGP) Sites for two Michigan energy companies. Services have included remedial investigations; evaluations of the extent of coal tar and non aqueous phase liquids (NAPLs); risk evaluations of relevant exposure pathways, preparation of remedial investigation reports, interim remedial action plans and specifications; completion of interim remedial actions; and preparation of restrictive covenants. The 2010 amendments to Michigan's Part 201 for Environmental Remediation provide a new regulatory framework for site closure. In response, cost models and strategies have been developed to bring MGP sites for one energy company to No Further Action (NFA) status.
- > Project manager to evaluate and remediate environmental impact for the installation of a 36 inch diameter, high pressure gas pipeline in southeast Michigan through a portion of a Superfund Site. Previous investigations identified contamination consisting of volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), and lead. Assessment included a geophysical survey, 70+ soil borings, and exploratory test pits to locate the piping associated with a previous onsite treatment system. In one area, lead and PCBs were found at levels which resulted in excavation to facilitate installation of the pipeline. Project included preparation of work plans, compliance monitoring and contingency plan, and health and safety plan; communication with State and EPA regulators; and onsite monitoring by EPA and responsible party representatives.



Principal/Senior Consultant

- As a Certified UST Professional, senior reviewer for scores of UST site investigations and remediations for industrial and commercial sites. Application of Risk Based Corrective Action (RBCA) process to UST sites.
- > Project manager and senior consultant for assessment and environmental response action at a 40-acre park in a metro Detroit suburb that had historically been used for sand mining and landfilling. Conducted extensive assessment activities and developed environmental response actions to address impacted surface soils and subsurface methane. Developed a cost-effective site capping and reuse plan to allow construction of soccer fields on a portion of the site and reserve the remainder of the site for future use, all while protecting the public from exposure to environmental impacts. Response plan was reviewed and approved by the MDEQ. Construction will be completed this summer.
- > Senior reviewer for an industrial site in Indiana with soil and groundwater impact from historical discharges of chlorinated solvents. The project included soil borings, soil probes, monitoring well installation, and quarterly groundwater sampling. Remediation alternatives that were evaluated included excavation and dewatering, chemical oxidation, use of hydrogen release compound, and demonstration of plume stability. The selected remediation alternative was to demonstrate plume stability with the placement of a use restriction on the property. The Mann-Kendall Trend Test and BIOCHLOR was used to evaluate plume stability. The Indiana Department of Environmental Management (IDEM) approved of the closure and a restrictive covenant was recorded for the property.
- Providing services for numerous EPA Assessment Grants. Managing the Lenawee County, Michigan EPA Assessment Grant; serving as Senior Consultant for the Goshen, Indiana EPA Brownfield Cleanup Grant and EPA Revolving Loan Fund Grant; and is the SME Quality Assurance Officer for multiple grants in the Midwest.
- > Project manager for the construction of a 200,000 square-foot industrial building on property containing a land disposal area used from 1936 until the 1960's. Groundwater impact consisted of various constituents, including vinyl chloride. Services included a Phase I ESA, subsurface assessment, soil vapor survey, hydraulic evaluation of sedimentation forebay, evaluation of isolation zone soil, preparation of BEA and Brownfield work plan addendum, due care sheet for construction, and excavation monitoring of fill not suitable for construction. Project received the CREW-Detroit Real Estate Excellence Award in 2003.

❖ Career History: SME since 1986 - Other firms from 1982

Education: B.S., Geology, Michigan State University (MSU)

M.S., Geology (Specialization in Hydrogeology), MSU

Registrations: Certified Groundwater Professional (CGWP)

Certified UST Professional - MDEQ

❖ Affiliations: ASTM

Michigan Association of Environmental Professionals

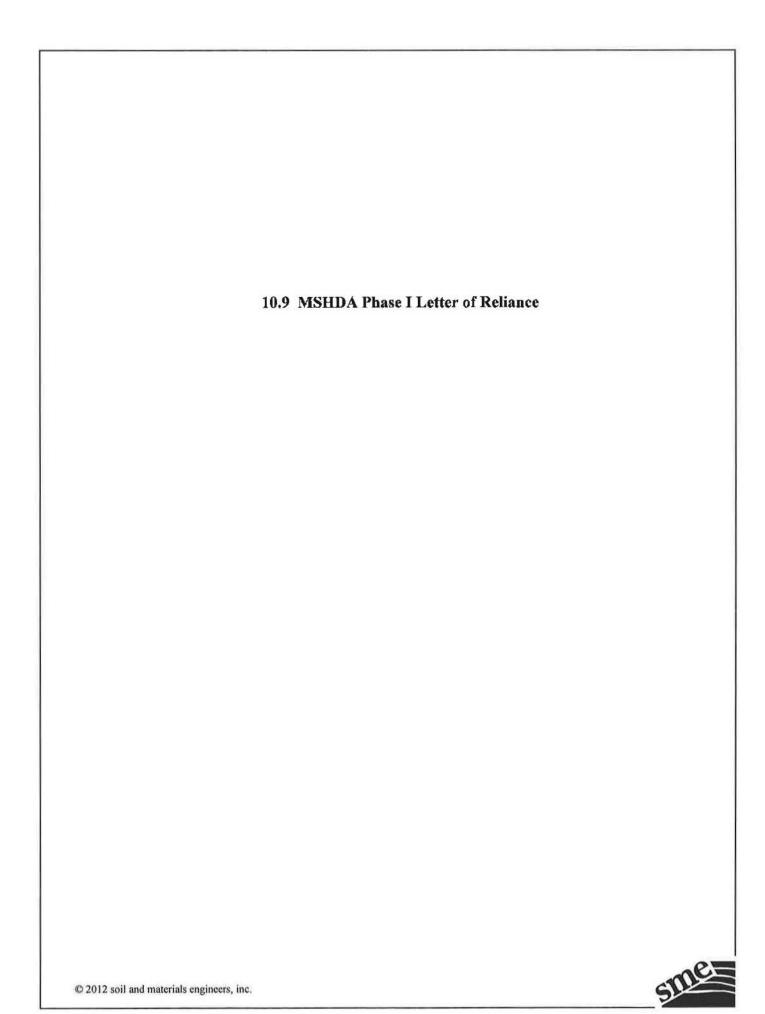
Board Member 1998-2003: Educational Grant Committee Chair,

and Treasurer

Environmental Excellence Awards Committee Chair, 2004

* Awards: SME President's Award, 2003







Soil and Materials Engineers, Inc.

The Kramer Building 43980 Plymouth Oaks Blvd. Plymouth, MI 48170-2584

tel (734) 454-9900 fax (734) 454-0629

www.sme-usa.com

Kenneth W. Kramer, PE Founder

Mark K. Kramer, PE
Timothy H. Bedenis, PE
Gerald M. Belian, PE
Andrew J. Emmert, CPA
Chuck A. Gemayel, PE
James M. Harless, PhD, CHMM
Larry P. Jedele, PE
Cheryl A. Kehres-Dietrich, CGWP
Gerard P. Madej, PE
Timothy J. Mitchell, PE
Robert C. Rabeler, PE
Daniel O. Roeser, PG

Christopher R. Byrum, PhD, PE Daniel R. Cassidv. CPG John E. Dingeldein, PE Sheryl K. Fountain, SPHR Davie J. Hurlburt, PE Anthony L. Jarem, PE Laurel M. Johnson, PE Jeffery M. Krusinga, PE, GE Jeffrey R. Lanier, PE Michael S. Meddock, PE Louis J. Northouse, PE Bradley G. Parlato, PE Rohan W. Perera, PhD, PE Joel W. Rinkel, PE Jason A. Schwartzenberger, PE Larry W. Shook, PE Thomas H. Skotzke Michael J. Thelen, PE Anthony B. Thomas, PE Keith D. Toro, PE

John C. Zarzecki, CET, CDT, NDE

MSHDA PHASE I LETTER OF RELIANCE PRIVILEGED AND CONFIDENTIAL

July 30, 2012

Mr. Michael Vollick, Environmental Review Officer Michigan State Housing Development Authority Cadillac Place 3028 West Grand Boulevard, Suite 4-600 Detroit, Michigan 48202

RE: Phase I Environmental Site Assessment for 115 & 119 W. Chicago Boulevard Tecumseh, Michigan SME Project Number: 060460.03.007

Dear Mr. Jeffries:

Please find enclosed the Phase I Environmental Site Assessment (ESA) for the subject property dated July 30, 2012 to the Michigan State Housing Development Authority (MSHDA).

It is our understanding that the information contained in the Phase I Environmental Site Assessment will be used by the Authority in considering proposed financing of residential development of the subject property and, furthermore, that the Authority may rely upon the Phase I Environmental Site Assessment as if it were issued to the Authority.

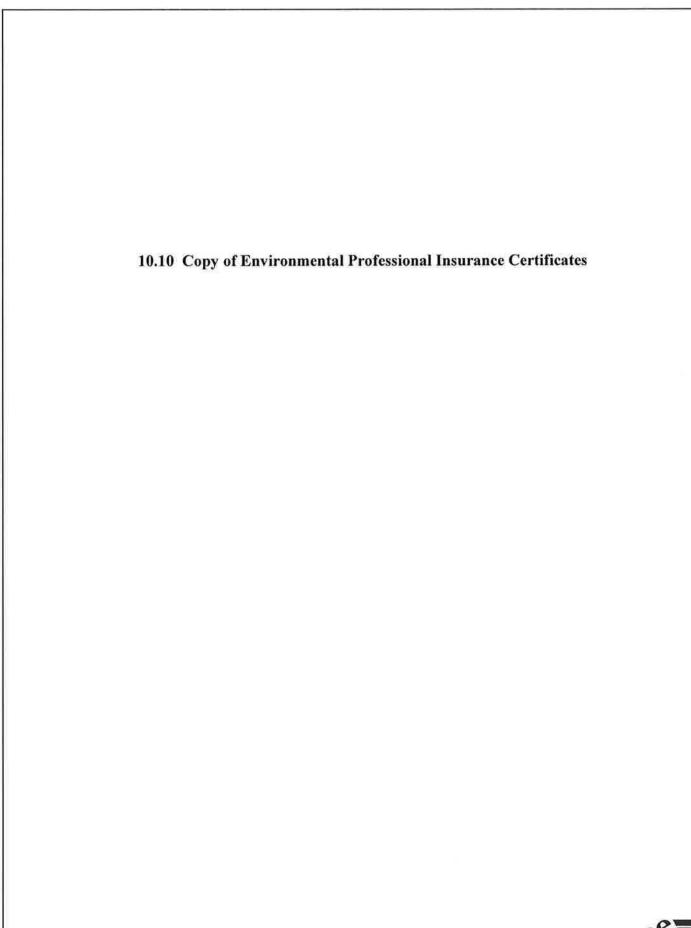
SME represents that the attached is a true, correct, and complete copy of the Phase I Environmental Site Assessment for the above captioned property and that the report represents our professional opinion of the site as of this date and that I meet the definition of an Environmental Professional as defined in Section 312.10 of 40 CFR 312. SME also represents that the Phase I Environmental Site Assessment including the evaluation, recommendations, and conclusions as of this date has been performed in conformance with the scope and limitations of the ASTM Practice E1527-05, ASTM Practice E2600-10, and MSHDA's Environmental Review Requirements for 2011.

Sincerely,

SOIL AND MATERIALS ENGINEERS, INC.

Rhonda F. Miller, CHMM

Project Consultant







CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 2/14/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Nikki Brozek					
Camden Insurance Agency. Inc. 17900 Ryan Road Ste A	PHONE (A/C, No, Ext): 248-544-4800 FAX (A/C, No): 248-5	344-4801				
Detroit MI 48212	E-MAIL ADDRESS: nbrozek@mcnish.com					
	PRODUCER CUSTOMER ID #: SOIL&-2					
	INSURER(S) AFFORDING COVERAGE	NAIC#				
INSURED	INSURER A: Amerisure Mutual Insurance Co.	23396				
Soil and Materials Engineers, Inc. 43980 Plymouth Oaks Blvd.	INSURER B: Amerisure Insurance Co.	19488				
Plymouth MI 48170-2584	INSURER C:					
	INSURER D:					
	INSURER E:					
	INSURER F:					

COVERAGES CERTIFICATE NUMBER: 1808612607 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

NSR LTR	TYPE OF INSURANCE	ADDL S	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s
	GENERAL LIABILITY			CPP132305613	1/1/2012	1/1/2013	EACH OCCURRENCE	\$1,000,000.
	X COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$300,000.
	CLAIMS-MADE X OCCUR						MED EXP (Any one person)	\$10,000.
	X Contractual						PERSONAL & ADV INJURY	\$1,000,000.
							GENERAL AGGREGATE	\$2,000,000.
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG	\$2,000,000.
	POLICY X PRO- JECT LOC							\$
3	AUTOMOBILE LIABILITY			CA202615809	1/1/2012	1/1/2013	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000.
	X ANY AUTO						BODILY INJURY (Per person)	\$
	ALL OWNED AUTOS						BODILY INJURY (Per accident)	\$
	SCHEDULED AUTOS						PROPERTY DAMAGE	\$
	X HIRED AUTOS						(Per accident)	•
	X NON-OWNED AUTOS							\$
								\$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	\$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	\$
	DEDUCTIBLE							\$
	RETENTION \$							\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WC132305714	1/1/2012	1/1/2013	X WC STATU- OTH- TORY LIMITS ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE		N/A				E.L. EACH ACCIDENT	\$500,000
	(Mandatory in NH)	N/A					E.L. DISEASE - EA EMPLOYEE	\$500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT	\$500 000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

SME PROJECT NUMBER: 060460.03.007 115 and 119 West Chicago Boulevard

Tecumseh, Michigan 49286

CERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF TH

Michigan State Housing Development Authority 735 E Michigan Ave.

Lansing MI 48912

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Jamal



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 2/14/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s)

certificate holder in lieu of such endorsement(s). PRODUCER Camden Insurance Agency. Inc. 17900 Ryan Rd Ste A						CONTACT NAME: Nikki Brozek					
						NAME: NIKKI Brozek PHONE (A/C, No, Ext): 248-544-4800 E-MAIL ADDRESS: nbrozek@mcnish.com					
					CUSTO	MERID#: SOII		DING COVERAGE		NAIO #	
INSI	RED						. , ,	DING COVERAGE		NAIC #	
	l and Materials Engineers,	In	c.			RA:Evanst	on Insura	ance Co.			
439	80 Plymouth Oaks Blvd.				INSUR						
Ply	mouth MI 48170-2584				INSUR						
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				NUMBER: 78822656		LIED TO THE IN		REVISION NUMBER:	· · · ·		
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INSR LTR	TYPE OF INSURANCE	ADDL	SUBR	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s		
A	GENERAL LIABILITY			12CPLM00022			1/1/2013	EACH OCCURRENCE	\$5,000	0,000	
	COMMERCIAL GENERAL LIABILITY							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$		
	CLAIMS-MADE OCCUR							MED EXP (Any one person)	\$		
	X Pollution Liab							PERSONAL & ADV INJURY	\$		
	X 25,000 Ded							GENERAL AGGREGATE	\$5,000	0,000	
	GEN'L AGGREGATE LIMIT APPLIES PER:							PRODUCTS - COMP/OP AGG	\$		
	X POLICY PRO- JECT LOC								\$		
	AUTOMOBILE LIABILITY							COMBINED SINGLE LIMIT (Ea accident)	\$		
	ANY AUTO							BODILY INJURY (Per person)	\$		
	ALL OWNED AUTOS							BODILY INJURY (Per accident)	\$		
	SCHEDULED AUTOS HIRED AUTOS							PROPERTY DAMAGE (Per accident)	\$		
	NON-OWNED AUTOS							<u> </u>	\$		
	NON-OWNED ACTOS								\$		
	UMBRELLA LIAB OCCUR							EACH OCCURRENCE	\$		
	EXCESS LIAB CLAIMS-MADE							AGGREGATE	\$		
	DEDUCTIBLE							NOOKEONIE	\$		
	RETENTION \$								\$		
	WORKERS COMPENSATION							WC STATU- OTH- TORY LIMITS ER	Ψ		
	AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE Y/N							TORY LIMITS ER	\$		
	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A						E.L. DISEASE - EA EMPLOYEE			
	If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT			
	DESCRIPTION OF OPERATIONS DEIOW							E.E. DIOLAGE - I OLIGI LIWIT	Ψ		
DES	LCRIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES (Attach	ACORD 101, Additional Remarks	Schedule	e, if more space is	required)				
SM	IE PROJECT NUMBER: 060460.0	03.00)7			•					
115	5 and 119 West Chicago Boulevard										
Tec	cumseh, Michigan 49286										
CE	RTIFICATE HOLDER				CANCELLATION						
CL	KTIFICATE HOLDER				CAROLLLATION						
						SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.					
	Michigan State Housi	ng	Deve	elopment	IN ACCOMPANCE WITH THE POLICE PROVIDIONS.						
Authority											
	735 E. Michigan Ave. Lansing MI 48912				AUTHO	RIZED REPRESE	0-				
	namering hit 40912						SDa.	MQ 0			
					Dannel						

Terra Insurance Company (A Risk Retention Group) Two Fifer Avenue, Suite 100 Corte Madera CA 94925



CERTIFICATE OF INSURANCE

DATE 01/01/12

NAME AND ADDRESS OF INSURED

Soil and Materials Engineers, Inc. 43980 Plymouth Oaks Blvd. Plymouth, MI 48170

This certifies that the "claims made" insurance policy (described below by policy number) written on forms in use by the Company has been issued. This certificate is not a policy or a binder of insurance and is issued as a matter of information only, and confers no rights upon the certificate holder. This certificate does not alter, amend or extend the coverage afforded by this policy.

The policy of insurance listed below has been issued to the insured named above for the policy period indicated. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions and conditions of such policy. Aggregate limits shown may have been reduced by paid claims.

TYPE OF INSURANCE	Professional Liability						
POLICY NUMBER 212057	EFFECTIVE DATE 01/01/12	EXPIRATION DATE 12/31/12					
LIMITS OF LIABILITY	\$1,000,000 EACH CLAIM \$2,000,000 ANNUAL AGGREGATE						

PROJECT DESCRIPTION

SME PROJECT NUMBER: 060460.03.007 115 and 119 West Chicago Boulevard Tecumseh, Michigan 49236

CANCELLATION If the described policy is cancelled by the Company before its expiration date, the Company will mail written notice to the certificate holder thirty (30) days in advance, or ten (10) days in advance for non-payment of premium. If the described policy is cancelled by the insured before its expiration date, the Company will mail written notice to the certificate holder within thirty (30) days of the notice to the Company from the insured.

CERTIFICATE HOLDER

ISSUING COMPANY: TERRA INSURANCE COMPANY (A Risk Retention Group)

Michigan State Housing Development Authority 735 E. Michigan Avenue, Lansing, MI 48912

President

11. GENERAL COMMENTS

SME Project Number: 060460.03.007

July 30, 2012

SME conducted this Phase I ESA to identify RECs in connection with the Property and to assess the relative significance of the identified RECs. The findings, opinions, conclusions, and recommendations presented in this report are based upon observations noted during the site visit, and information obtained during the performance of the scope of services on the dates indicated. In the process of obtaining the field and historical information in preparation of this report, procedures were followed that represent reasonable and accepted environmental practices and principles, in a manner consistent with that level of care and skill ordinarily exercised by members of these professions currently practicing under similar conditions. Records reviewed at various locations as identified within the text of this report, include only those records that were provided to SME by the referenced department on the date indicated. As such, the records provided to SME may not represent all records available at a given source. Appropriate inquiry was made into the past uses of the Property consistent with good commercial or customary practice. As is typical with Phase I ESAs, SME conducted no testing or subsurface evaluation for this assessment.

Due to unknown or latent conditions on the Property, or on adjacent or nearby properties, which may become evident in the future, SME does not represent the Property is free of contamination or hazardous waste material. It should also be noted the Property conditions may change over time. Should additional surface, subsurface, chemical, or other data become available after the date of issue of this report, the findings, conclusions and recommendations contained in this report may have to be modified. SME should be retained to review the new information and adjust our opinion and recommendations accordingly.

All reports, field data, field notes, laboratory test data, calculations, estimates and other documents prepared by SME as instruments of service are the property of SME. No parties other than those specifically identified in this report may rely upon SME's opinions, conclusions or reports unless SME has agreed to such reliance in writing. In any event, any reliance will be subject to the terms and conditions set forth in SME's General Conditions (01/04).

